AGENDA
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
COMMISSION MEETING
June 25, 2025
Hybrid meeting held both via Zoom Videoconference and in the
Daniel J. Alesch Training Center, 2231 N. Quincy Street
(If a member of the public or a customer would like to participate in the meeting via Zoom, please contact NEW Water at 920-432-4893 for access to the videoconference)
8:30 a.m.

Vision: Protecting our most valuable resource, water

1) Safety moment. (N. Qualls)

2) Approval of minutes of the Commission meeting held May 28, 2025. (N. Qualls)

3) Request Commission approval of Competency-Based Advancement Program, Shift Worker Retention, and revised Salary Administration Policy. (Tietyen & Becken)
Click Here: Memo
Click Here: Attachment
Click Here: Attachment
Click Here: Attachment

4) Request Commission approval of Lab Information Management System Conversion. (G. Ashauer)
Click Here: Memo
Click Here: Attachment
Click Here: Attachment

5) Request Commission approval of Change Order No. 3 for the Green Bay Facility North Plant Clarifier Rehabilitation Project #18-020-CO in the amount of $146,100.57. (B. Brown)
Click Here: Memo
Click Here: Attachment
Click Here: Attachment

6) Sewer plan approvals: (L. Sarau)
Click Here: Memo
   a) Village of Bellevue, Project #F-1795, GBMSD Request #2025-15
      Click Here: Village of Bellevue Map
      Click Here: NEW Water Map
   b) Village of Suamico, Project #C-9313, GBMSD Request #2025-16
      Click Here: Village of Suamico Map
      Click Here: NEW Water Map
   c) Village of Allouez, Project #M-19191, GBMSD Request #2025-17
      Click Here: Village of Allouez Map
      Click Here: NEW Water Map

7) Convene in closed session under State Statute 19.85(1)(e) for the purpose of deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session and State Statute 19.85 (1) (g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is or is likely to become involved:
   a) Potential litigation resulting from environmental testing by significant industrial user.
   b) Potential transfer of certain interceptor segments pursuant to Section 5.05 of the Sewer Use Ordinance to a municipality.

8) Reconvene in open session.

9) Update of projects:
   a) GBF Service Water System Improvements. (B. Brown)
   Click Here: Report
   b) GBF North Plant Clarifier Rehabilitation Project. (B. Brown)
   Click Here: Report

10) May 2025 Financials. (C. Mueller)
   Click Here: Memo
   Click Here: Income Statement
   Click Here: Income Statement Legends
   Click Here: Statement of Net Position
   Click Here: Statement of Net Position Legends

11) May 2025 Operations Report. (P. Wescott)
   Click Here: Memo
   Click Here: Effluent Report – Green Bay Facility
   Click Here: Graph of Effluent Report – Green Bay Facility
   Click Here: Effluent Report – De Pere Facility
   Click Here: Graph of Effluent Report – De Pere Facility
   Click Here: R2E2 Energy Report
   Click Here: R2E2 Energy Graph

12) Executive Director's Report: (N. Qualls)
   Click Here: Memo
   a) July Commission Meeting.
   b) Executive Director Travel Expenses and Time-Off.
   c) NACWA Utility Leadership Conference.
   d) Celebrating Excellence at NEW Water.
   e) Harmful Algal Bloom Workshop.
   f) NEW Water hosted Wisconsin State Reps. Amaad Rivera-Wagner & Joel Kitchens.

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nathan Qualls

FROM: Emily Tietyen & Jake Becken

DATE: June 25, 2025

SUBJECT: Competency Based Pay Progression and Shift Worker Retention Plan

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Background

The Treatment Department plays a critical role in safeguarding the health and well-being of our community and the environment. Our 19 dedicated Treatment Operators, working in four crews for 12-hour shifts on rotating schedules, ensure the continuous operation of our wastewater treatment facilities, 24 hours a day, 7 days a week, 365 days a year. Their expertise in wastewater treatment and the complexity of our two facilities is essential in protecting our waterways, preventing public health hazards and maintaining permit compliance.

Recruiting and retaining employees for 12-hour shift work poses significant challenges, particularly in 24/7 operations. The demanding nature of these schedules, characterized by irregular hours of work and often-disrupted sleep patterns, contributes to higher rates of burnout, fatigue, and negative impacts on physical and mental health. This can lead to difficulties in attracting qualified candidates and retaining trained staff, as many prioritize work-life balance and may be deterred by the perceived disruption.

Internal Challenges

Internally, we have collected information from current and past employee surveys as well as exit interviews with shift workers. The information indicates that despite the rewarding nature of their work and the strong team environment, the demanding shifts with night and weekend coverage are the least desirable features of the job. Due to these difficult yet necessary factors, we are continuing to face a concerning trend around Treatment Department turnover.

In the last six years, non-retirement-related turnover rates for Treatment Operators have fluctuated but remain much higher than those of other departments within NEW Water. Figure 1 illustrates this trend data.

Year	Turnover Excluding Treatment	Treatment Department
2019	2%	12%
2020	1%	16%
2021	10%	20%
2022	3%	0%
2023	2%	8%
2024	2%	16%

Figure 1

With the increase in turnover and new operators in training, the department has seen recurring periods where operators have needed to work less desirable shifts to meet operational needs. Overtime hours have been used to bridge any gaps in filling fully trained operator roles.

Over the course of ten months spanning 2023 to 2024, there were four unexpected resignations alongside one anticipated retirement. At present, two Treatment shift employees qualify for full retirement benefits, with a third nearing eligibility. While retirements can typically be forecasted and managed, the sudden departure of staff due to internal or external factors presents significant challenges, particularly when such losses occur in clusters, as witnessed in 2021 and again in 2024.

Progress to Date

The increasing demand for trained operators, an aging workforce, and a limited pipeline of new candidates have placed utilities in direct competition with each other for talent. To address the challenges ahead and retain our skilled shift workforce, we have continued to evaluate meaningful ways to improve shift worker recruitment and retention.

Over the past decade, the Treatment Department has worked to address the difficulty of shift work by:

- Discussing with the team their preferred shift schedule, resulting in our current shift structure of 3 am to 3 pm shifts and 3 pm to 3 am shifts.
- Increasing flexibility to include more PTO than non-shift employees to recognize their non-typical schedule.
- Dedicated effort to accommodate staff needs through time off flexibility.
- Special project engagement/enhanced professional development opportunities.
- Introduction of the Operator I Apprenticeship program
- Expanded shift premium rate and time frame.

Staff have researched and developed two final program components to ensure NEW Water remains competitive and well-positioned for the future. These components are a Competency-Based Pay Progression program and a Shift Worker Retention Pay Plan.

Competency-Based Pay Progression – Apprentice and Operator II Positions:

Competency-Based Pay Progression is a multi-stage proficiency-based system for all Apprentice-level and Operator II roles at NEW Water. The intent of this is to allow these staff members to move up the pay grade at a rate that is proportional to their growth in their role. Competency achievements have been developed for the program and include items such as completing facility-specific training, passing practical exams specific to the role, specialty training, and achieving educational goals within their respective programs. After achievement and verification of these accomplishments, which may occur more frequently than annually, participants would receive a 3% adjustment to their pay rate, based on the control point of their current pay grade. While in this program, participants would not be eligible for additional annual merit increases under NEW Water's standard merit program. Participants would be eligible for market adjustments based on annual evaluation and Commission approval. This program would apply to NEW Waters Operator I Apprentices, Operator II, Mechanic Apprentices, and E&I Apprentices. If future Apprenticeships are developed, they may also be included in this program.

Shift Work Retention Pay Plan

Filling and retaining shift worker roles have been a persistent challenge, with growing difficulty in recent years. Staffing shortages place an increased workload on the remaining team members, often leading to burnout and continued staff turnover. Implementing a structured retention pay program could incentivize employees to stay in the department, enhancing both internal and external competitiveness for these roles and adequately compensating those working the challenging non-traditional hours in 24/7/365 facilities.

Staff is proposing an annual retention bonus of approximately $3,700.00 (5% rate applied to the 2025 Pay Grade 9 control point) for shift workers. Staff who worked shift work would be eligible for a yearly one-time payment. This payment would be prorated for anyone entering shift work during the year. This incentive would not be paid out to anyone leaving shift work during the year. This added compensation would increase the Salaries & Benefits budget by approximately $70,300 annually across shift work staff. For 2025, staff is recommending that a pro-rated 6-month payment be issued to shift workers who are successfully working through the end of the year.

Although implementing a shift worker retention pay program would increase salary expenditures, other factors can offset this, such as minimizing recruitment and training expenses associated with frequent turnover and reducing reliance on overtime due to understaffing. The organization's recruitment and training costs are significant, estimated to be approximately $100,000 per employee. The program's effectiveness and continued necessity will be evaluated annually.

These two proposed programs would complete a well-rounded program to enhance the recruitment and retention of our shift workers. Staff have consulted with Matt Shefchik of Cottingham Butler on these proposals. Cottingham Butler supports both approaches to ensure NEW Water attracts and retains the most qualified staff so we can remain a leader in our industry. Supplemental memos with more background on their evaluation and support are attached.

Budget Impacts

The proposed programs will add the following approximate costs to the salaries budget annually.

Competency Based Pay: Add approximately $9,000 to the salaries budget in 2025. The cost in 2025 can be absorbed by salary savings already realized in 2025 due to current vacancies. In 2026 and moving forward it is estimated that an additional $5,000-$7,000 in salaries will be realized. This amount will be budgeted annually according to the actual participants in the program. These costs will vary depending on the number of employees in training roles.

Shift Worker Retention: Add $70,300 to the 2026 Budget for 19 current shift worker employees. This amount will be budgeted annually according to actual program participants. In 2025, the anticipated, non-budgeted addition to the salaries and benefits budget would be $35,150. While this amount was not budgeted for 2025, there have been savings due to vacant positions to allow for this expense.

Policy Revision

NEW Water's Salary Administration Policy governs how the organization establishes and administers our pay program. The revised policy includes the addition of the two programs outlined above and the consolidation of

pay-related items currently located in the Employee Handbook. If approved, the shift premium and other premium pay language will be removed from the Handbook in a future revision to be presented to the Commission later in 2025.

Recommendation

Staff are requesting approval of updates to the Salary Administration Policy to incorporate proposed Competency Based Progression Pay Program and Shift Worker Retention Plan along with previously approved Shift Premium and Other Premium Policies. Staff are also requesting approval for the implementation of a pro-rated Shift Worker Incentive payment for 2025 in the amount of $35,150.

Commission Action

Staff are requesting approval of updates to the Salary Administration Policy to incorporate Competency Based Progression Pay Program, Shift Worker Retention Plan and Shift Premium and Other Premium Policies. Staff are also requesting approval for the implementation of a pro-rated Shift Worker Incentive payment for 2025 in the amount of $35,150.

Attachments
Salary Administration Policy- Tracked Changes
Memo: Cottingham Butler – Competency- Based Advancement Program
Memo: Cottingham Butler- Shift Worker Retention Incentive

POLICY

Title of Policy:	Salary Administration Policy
Policy Number:	0402.13.02
Author (position):	Human Resources Manager
Author (owner):	Human Resources Manager
Approved By:	☒ Commission ***-OR-*** ☐ Executive Team
Adoption Date:	January 1, 2001
Last Review/Revision Date:	June 5, 2025
Last Approved Revision Date:	July 26, 2023

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Deleted: June 30, 2023

1.0 PURPOSE:

1.1 The purpose of this policy is to establish the salary and pay rate structure and the subsequent administration of pay changes for employees of NEW Water the brand of the Green Bay Metropolitan Sewerage District.

1.2 As an overview, NEW Water has adopted a series of pay ranges. All employees of NEW Water are classified into a position that is assigned to a pay range. These pay ranges were developed through an objective process by a professional compensation consulting firm and subsequently adopted by the NEW Water Commission.

1.3 The determination of pay ranges is based on combining principles of objective position evaluation and accurate market measurement. The objective position evaluation process involves the application of a Point Factor Position Evaluation System to position content documented by each manager or supervisor in collaboration with employees within each position. Market analysis requires surveying and analyzing the compensation practices covering a broad benchmark sample of positions similarly employed in various organizations in NEW Water's competing labor markets. The end result is a series of pay ranges that are intended to reflect the measured internal and external value of the position classifications.

2.0 SCOPE

2.1 The requirements set forth in this written policy cover all employees of NEW Water.

3.0 PROGRAM AUTHORITY

3.1 This program will be coordinated under the direction of the Executive Director with the approval of the NEW Water Commission.

3.2 Human Resources, Directors, Managers, and Supervisors are responsible for managing this policy for employees within their areas of responsibilities.

4.0 POLICY

4.1 The following details NEW Water's policies governing compensation decisions within this overall framework.

4.1.1 To develop and maintain salary structures which enables NEW Water to attract and retain well-qualified personnel.

4.1.2 To use wages as incentives to encourage improved performance and to motivate employees to develop their skills.

4.1.3 To have a flexible salary administration program, which will reflect changing economic and competitive conditions.

4.1.4 To maintain salary relationships among positions that are internally consistent in recognizing important relative differences in position responsibilities and requirements.

4.1.5 To establish and maintain salary levels that will be comparable with salaries paid in the employment market places in which NEW Water competes for talent for positions of similar responsibility.

4.1.6 To follow the principles of equal employment opportunity (EEO), basing differentials in pay solely on qualifications, position responsibilities, and individual performance without regard to non-position related attributes such as race, color, religion, gender, sexual orientation, gender identity or expression, age, national origin, genetic information, veteran status, or any disability which does not preclude the effective performance of position accountabilities.

4.2 Pay Rate Structures: Grades and Pay Ranges

4.2.1 Pay Rate Structures

4.2.1.1 To facilitate effective administration, a pay rate structure has been established for all NEW Water positions.

4.2.2 Grade Levels

4.2.2.1 The pay rate structure consists of a set of levels of responsibility, or grades. A sufficient number of levels have been established to recognize important relative differences in position responsibilities and requirements, from the lowest to the highest level position in the structure.

4.2.2.2 Assignment of positions to grades is accomplished through the evaluation of each position and the matching of certain positions to applicable employment markets.

4.2.3 Pay Ranges

4.2.3.1 Each grade is assigned a pay range. The spread from the minimum to the maximum rate payable within each pay range is sufficient to recognize and reward distinctively different levels of performance within each grade. The minimum salary (85% of the Control Point) is normally paid to an employee whose qualifications and/or performance meet the minimum requirements for the position. The maximum rate (120% of the Control Point) is normally the highest pay rate NEW Water will provide for a position within a given grade.

4.2.3.2 The percentage spread within the pay ranges is sufficiently wide to provide meaningful pay increase opportunities within the minimum and maximum rates of pay established for each pay range.

4.2.4 Structure Maintenance

4.2.4.1 The pay structures are to be reviewed at least annually and adjusted as necessary to ensure that competitive salary ranges are maintained. NEW Water will contract this review to a professionally qualified outside consultant.

4.3 Filling Vacancies

4.3.1 Recruiting for existing positions: Whenever an existing position is vacated, the Director/Manager will review the existing job description for accuracy and suggest any modifications to the Human Resources Manager when requesting the position be filled. Recruitment will not commence without this review. If there is a significant change in responsibilities, the position will be evaluated using the Point Factor Job Evaluation System.

4.3.2 New Positions: Whenever a new position is requested and has been approved by the Executive Director, the Division Director will review and approve a job description and submit it to the Human Resources Manager for review. The new position will be evaluated by the Job Evaluation Committee (JEC) using the Point Factor Position Evaluation System prior to recruitment to assign it to the correct pay grade. The final approval of a new position is under the responsibility of the Commission.

4.3.3 Pay for New Employees: The general policy will be to hire new employees at the minimum of the pay range.

4.3.3.1 NEW Water may start a new employee at a rate of pay between the minimum and the grade Control Point dependent upon the best candidate's level of experience or education. NEW Water may also consider hiring a new employee above the minimum of the pay grade due to market competitiveness.

4.3.3.2 Pay rates below the grade minimum may be justified where the present position holder, a newly hired employee or a person just promoted into a position for whatever reason, does not meet the minimum requirements. In such cases, a plan must be prepared by which the incumbent's skills will be developed to an acceptable level and the incumbent's wage will be brought to the minimum of the range.

4.3.3.3 Any hiring above or below the minimum of the range requires a recommendation to and approval by the Executive Director. In reviewing this recommendation, consideration will also be given to the current compensation of other employees in the same classification (if applicable) to maintain internal pay equity.

4.4 Pay Reviews and Their Frequency

4.4.1 A pay review is the process by which a Director/Manager determines what, if any, pay adjustment should be recommended, based upon demonstrated and evaluated work performance. The results of the most recent performance evaluation and the related conference conducted with each position incumbent will be important considerations in this decision. Generally, pay reviews are conducted during the annual evaluation process.

4.4.2 Care should be exercised to preclude increasing a newly hired employee's pay above the currently effective pay rates of more experienced employees in the same or similar position unless fully justifiable on the basis of performance.

4.4.3 Employees whose pay rate falls below the Control Point (Zone 1), assuming acceptable performance, shall receive salary increases based upon a system to progress the employee to Control Point pay (Step Method). Employees at or above the Control Point (Zones 2 & 3) shall receive pay increases based solely upon performance (Merit Method). Zones within salary grades are defined in the following table:

Zone 1	Salary is 85% - 99.9% of Control Point	Control Point = 100%
Zone 2	Salary is 100% - 109.9% of Control Point	
Zone 3	Salary is 110% - 120% of Control Point	

4.4.4 No salary adjustment recommendation will be approved unless a current performance evaluation has been conducted in accordance with established performance procedures, unless so authorized by the Executive Director.

4.4.5 All salary increase recommendations other than step adjustments must have the prior approval of the Executive Director.

4.4.6 Pay increase recommendations that exceed the guidelines of this program or which the program does not directly address must have the approval of the Executive Director.

4.5 Amount of Recommended Pay Adjustments

4.5.1 Pay adjustment recommendations will be made within the limitations imposed by NEW Water's capacity to grant pay adjustments as determined by the budget approved by the Commission.

4.5.2 Within the foregoing constraints, pay increase guidelines will be established for determining the amount of individual pay increases. Pay increases will be determined based on the employees' position in their assigned pay range at the time of performance review.

4.5.3 Generally, salary increases will be processed for the first pay date in January of each year.

4.6 Pay Adjustments

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4.6.1 Market Adjustments

4.6.1.1 Market structure will be evaluated on an annual basis with a recommendation brought to the NEW Water Commission for any adjustments.

4.6.1.2 Employees with good performance and behaviors consistent with NEW Water's cultural attributes may be eligible for a market adjustment if one is approved by the Commission.

4.6.1.3 Market adjustments will be calculated based on the employee's current rate of pay.

4.6.2 Merit Adjustments

4.6.2.1 For all employees who are compensated below the Control Point of their assigned pay range, who demonstrate good performance and behaviors consistent with NEW Water's cultural attributes, the Step Method shall apply to provide pay increases.

4.6.2.2 A step adjustment shall be defined as a percentage increase that progresses employees towards the Control Point of their particular pay grade. Each step increase shall be a three percent (3%) increase per year. The 3% adjustment is calculated based on the Control Point. Any increases in pay structure based on market adjustments would add to the base 3% increase in any given year.

4.6.2.3 Directors/Manager may recommend no step, a ½ step or a 1 ½ step adjustment based on the performance and/or behaviors demonstrated by the employee.

4.6.2.4 New employees hired on or prior to September 30 will receive a pro-rated step adjustment. New employees hired on or after October 1 will not be eligible for a merit increase until the January following 1 full year of service.

4.6.2.5 Employees compensated at or above the Control Point of their pay grade and who demonstrate good performance and behaviors consistent with NEW Water's cultural attributes may be eligible to receive a pay increase based on the Merit Method.

4.6.2.6 Pay adjustment recommendations within the Merit Method are initiated by the Manager and Director based on the performance and behaviors outlined in the annual performance review of the employee whose salary is under consideration.

4.6.2.7 Pay increase guidelines will be established annually through the budgeting process with recommendations provided by the outside consulting firm

4.6.2.8 Merit method increases will be calculated using the Control Point of the employee's pay range.

4.6.3 Competency Based Pay Progression: Certain roles within the organization follow a formal training pathway. These roles (i.e. Apprenticeships) are a part of a competency-based progression program, enabling employees to advance through training, experience and performance. The Human Resources Manager maintains a list of roles eligible for this program.

4.6.3.1 Employees participating in this program are not eligible for merit increases as outlined in section 4.6.2.

4.6.3.2 Employees participating in a competency-based progression program will be eligible for a step adjustment (3%), based on their current pay grade, upon successful completion of defined milestones in their program.

4.6.3.3 Examples of potential milestones may include but are not limited to completion of educational requirements and completion of significant areas of training with proven proficiency.

4.6.3.4 Once an employee has fully progressed through their competency-based program, they will enter the standard NEW Water merit program as defined in section 4.6.2.

4.7 Salary Adjustments Resulting from Promotions

4.7.1 It will be the established policy to fill all positions with the best-qualified applicants. In the event such a selection results in the promotion of a current employee, a promotional pay increase will be granted.

4.7.2 An employee who is promoted to a position one pay grade higher will receive a pay increase to the minimum of the higher range or a five (5%) percent increase, whichever is

greater. In the event of a promotion of two or more pay grades, the increase will be to the minimum of the higher range or an increase of eight (8%) percent, whichever is greater.

4.7.3 All promotional increase recommendations must follow the same approval channels as any other salary adjustment recommendations.

4.7.4 An employee whose promotional increase takes effect at the beginning of the new payroll year will have their recommended merit adjustment and any market adjustment applied prior to their promotional increase.

4.7.5 An employee receiving a promotional increase whose new pay rate remains within below Control Point will be eligible for a prorated step increase, pending job performance, in January of the following year. The step increase will be based on a proration of time worked in the previous position and time worked in the new position during the calendar year.

4.8 Pay Upon Transfer

4.8.1 Employees who transfer to a new position with the same pay grade will generally receive no pay adjustment.

4.9 Pay Upon Voluntary Demotion

4.9.1 An employee who takes a voluntary demotion to a role in a lower pay grade will have their pay rate placed within the new grade in alignment with the knowledge, skills and abilities they bring to their new role. Their new pay rate should not exceed the maximum of their new pay grade. However, an employee may continue to receive a rate of pay in excess of that maximum upon the recommendation of the Division Director and approval of the Executive Director. If the employee continues to receive a rate of pay in excess of the maximum of the salary range, the employee will not be eligible for further base-accumulating pay increases until their pay rate is again within the pay range for the new position.

4.10 Pay Upon Involuntary Demotion

4.10.1 An employee who is demoted for non-voluntary reasons unrelated to individual performance will retain their present pay rate. If the pay rate exceeds the new range maximum, the employee will not be eligible for further base-accumulating pay increases until their pay rate is again within the pay range for the new position.

4.11 Pay upon Demotion Related to Performance

4.11.1 An employee who is demoted for performance reasons, after the end of the probationary period, will have their present pay rate reviewed by the Human Resources Manager for correct placement in the assigned range.

4.12 Pay Upon Return of Employee Within First 30 Calendar Days

4.12.1 An employee who returns to his/her former position within 30 calendar days of the transfer will have their pay rate restored to the same rate of pay the employee would have received had they remained in the former position.

4.13 Pay Upon Position Reclassification

4.13.1 An employee who is in a position that is reclassified to a higher pay grade will receive a pay increase to the minimum of the higher range, or five (5%) percent increase, whichever is greater.

4.13.2 If the reclassification occurs as a result of the rotational review, the increase will become effective the following January. The increase will be applied prior to any market adjustment and step or merit adjustment. If the reclassification occurs as a result of the

duties of the position being altered substantially due to abrupt changes in the organizational structure, the increase will become effective upon approval of the job change.

4.13.3 An employee whose position is reclassified during the year will be eligible for a step or merit increase, pending job performance, in January of each year. Therefore, the step or merit increase will not be prorated.

4.13.4 If a position is reclassified to a lower pay range and the salary of the employee exceeds the maximum of the new pay range, the employee will be placed in the new class and will retain their current salary. However, the employee will not be eligible for further based-accumulated pay increases until their pay rate is again within the pay range for the new position.

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4.14 Positions Requiring a Market Adjustment

4.14.1 NEW Water's compensation program has provided a methodology for determining pay rates for employees that recognizes both the worth of positions in the market and the measured value of positions within NEW Water.

4.14.2 Occasionally, situations may occur when a position in NEW Water's compensation plan should be considered for placement at a higher range of pay due to market conditions.

4.14.3 Market adjustments for individual positions will be considered only in the following exceptional circumstances:

4.14.3.1 NEW Water has documented problems recruiting and/or selecting employees within the assigned pay range (i.e., a position is advertised two or more times, resulting in few or no qualified individuals).

4.14.3.2 NEW Water has an unacceptable rate of turnover in a position, and exit interview information indicates a substantial pay issue.

4.14.3.3 Periodic market surveys conducted by NEW Water show that the Control Point of NEW Water's pay range is substantially below the market rate for a position.

4.14.3.4 In situations where the documented market conditions require higher pay rates, NEW Water may increase an employee's pay in the range, or reallocate the position to a higher pay grade on a temporary basis until market conditions change.

4.14.3.5 In the event that a position is reallocated to a higher pay grade due to a market adjustment, such adjustment will be considered temporary in nature (subject to annual review) and if conditions change, the position will be moved into the correct grade. If reallocation to a higher pay grade occurs, the policy for Salary upon Job Reclassification will apply in regard to compensation for the affected employee(s).

4.15 Positions Assigned Additional Duties and Responsibilities as a Special Assignment

4.15.1 Occasionally, situations may occur when a position in NEW Water's compensation plan should be re-evaluated for placement at a different range of pay due to a special assignment. A Special Assignment is defined as the assignment of position duties different from what is normally expected within an established position. The duration of the assignment will be a minimum of six months and considered temporary in nature

(subject to annual review). Special Assignment also covers an employee who is assigned to an existing position on a temporary basis.

4.15.2 Upon Executive Director approval, the new job description will be written or the existing job description will be modified for review by the JEC.

4.15.3 The JEC will review the job description using the established Job Evaluation Process. Based on the outcome of the evaluation process, the JEC will recommend a pay grade re-assignment or no change. The JEC recommendations will be reviewed and approved by the Executive Director.

4.15.4 If reallocation to a higher pay grade occurs, the policy for Salary upon Reclassification will apply in regard to compensation for the affected employee.

4.15.5 If reallocation to a lower pay grade occurs the employee will retain their existing base rate of pay.

4.15.6 At the completion of the Special Assignment, the employee will return to their previous position. The employee's pay rate will be restored to the same rate of pay the employee would have received had they remained in the former position.

4.16 Employees Assigned Additional Duties and Responsibilities as a Temporary Assignment

4.16.1 Occasionally, situations may occur when an employee of NEW Water accepts additional duties of another position on a temporary basis. A Temporary Assignment does not meet the requirements as established for a Special Assignment. Typically, a temporary assignment includes only partial duties of another position and for a period of time less than six months. In this instance, a temporary salary increase will be based on the percentage of the overall job requirements being performed and the percent of time those duties are being performed

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4.17 Shift Work Related Pay

4.17.1 Shift Premium

4.17.1.1 Shift Employees are eligible for a shift premium equal to 10% of the control point of pay grade 9.

4.17.1.2 Shift Premium applies to hours worked, by shift employees, between 1500 hours and 0700 hours.

4.17.2 Shift Employee Retention Incentive

4.17.2.1 Employees designated as shift employees are eligible for an annual retention incentive. This incentive is paid after the completion of the calendar year.

4.17.2.2 New Hires will receive a pro-rated amount based on their date of entering a shift work schedule.

4.17.2.3 Shift retention incentives are calculated as 5% of the control point of pay grade 9. Retention incentives are paid out annually in conjunction with end of the year payouts.

4.17.2.3.1 Eligible employees must be employed on the day the incentive is paid in order to qualify.

4.17.2.4 The Shift retention program is reviewed, and budgeted for, on an annual basis to determine if it continues to meet the needs of the organization.

4.18 Premium Pay Items

4.18.1 Sunday Premium

4.18.1.1 Employees will be compensated at two times their base rate for hours worked on Sunday, except when the Sunday hours worked is a part of the employee's regularly scheduled shift or workweek and/or travel time designed as "travel away from home" by the Wage and Hour Division regulations (29 CFR § 785.39).

4.18.1.2 Telephone calls received on a Sunday are not eligible for Sunday premium.

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Commented [NQ1]: The following added section 4.18 is pulled from the existing employee handbook as previously approved

4.18.2 Holiday Premium

4.18.2.1 In addition to eight hours holiday pay (refer to Section 28.0), employees who are required to work on a recognized legal holiday shall be paid two times their base rate for all hours worked.

4.18.2.2 Recognized holidays, for overtime purposes, shall be the calendar holidays regardless of the day of the week in which they fall.

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4.18.3 Standby Pay (Non-Exempt Employees Only)

4.18.3.1 Employees assigned to Standby Duty shall be paid one hour at the base rate for each eight-hour period of standby from the end of their regular shift on Friday to the beginning of their regular shift on Monday.

4.18.4 Telephone Calls While Off Duty (Non-Exempt Employees Only)

4.18.4.1 A non-exempt employee who is not on paid Standby Duty but receives a work-related telephone call outside of their regularly scheduled work hours shall be paid at the base rate for the time actually spent on the telephone call, but not less than one hour. If the actual time spent on the telephone call is less than one hour, the one-hour guarantee shall be satisfied through a combination of the employee's regular compensation for actual time on the telephone call, plus an additional payment equal to the difference between one hour and the employee's actual time worked.

4.18.4.2 A nonexempt employee who is on paid Standby Duty and receives a work-related telephone call shall be paid at the base rate for the time actually spent on the telephone call.

4.18.4.3 In the event that the employee is required to physically report, Call-in Time compensation will apply rather than Telephone Call pay.

4.18.5 Call In Time (Non-Exempt Employees Only)

4.18.5.1 Employees called to work while on Standby (or due to an emergency) shall be paid a call-in allowance of three hours at straight time. In addition, these employees shall be guaranteed a minimum of three additional hours at the base rate of pay, as follows:

4.18.5.1.1 If an employee's actual time worked is at least three hours, the three-hour base rate guarantee shall be satisfied through the employee's regular compensation for actual time worked.

4.18.5.1.2 If an employee's actual time worked is less than three hours, the three-hour base rate guarantee shall be satisfied through a combination of the employee's regular compensation for actual time worked, plus an additional call-in allowance payment equal to the difference between three hours and the employee's actual time worked.

4.18.5.2 While on standby, an employee that is called to report to work is expected to report within one hour.

4.18.5.3 Employees will be paid the call-in allowance described in Section 22.1 provided the employee is called in during the time they are physically off site. If an employee responds to an emergency during the time they are physically on site, they will not be paid the call-in allowance.

4.18.6 Longevity Compensation (Applies only to employees hired prior to October 2006)

4.18.6.1 Longevity Compensation paid as of January 1, 2012, will not be adjusted.

5.0 DEFINITIONS

6.0 POLICY VIOLATION

6.1 Employees who violate this policy may be subject to disciplinary action based on the guidelines of the Disciplinary Policy

Page 7: [1] Deleted **Tietyen, Emily** **4/2/2025 3:53:00 PM**

COTTINGHAM & BUTLER

Total Rewards Consulting

April 28, 2025

Emily Tietyen
Human Resources Manager
NEW Water
2231 N. Quincy Street
Green Bay, WI 54302

Re: NEW Water Competency-Based Advancement Program

Dear Ms. Tietyen:

Thank you for the opportunity to review and react to the Competency-Based Advancement Program proposed for select positions at NEW Water. This correspondence serves to provide our reaction and recommendations to the proposed program.

REACTIONS

The following highlight some reactions from our review of the program:

- **Purpose** – The purpose is well defined and the key objectives are clear. This allows for the organization to reflect on the purpose and gauge effectiveness as you monitor the program in future years.

- **Eligibility** – The limited eligibility is clear, and reinforces the unique nature of the program to focus attention on critical roles to the organization. Additionally, it allows for other apprenticeships to be added, if necessary, without being too broad by covering an excessive amount of jobs. Communications around the purpose of the program will be critical to ensure understanding for ineligible staff.

- **Skill Development Focus** – By tying pay increases to the completion of specific training and certification milestones, the program encourages continuous skill development, which can lead to a more competent and capable workforce.

- **Retention Strategy** – Offering structured pay increases and career progression opportunities can help retain skilled employees, reducing turnover and associated costs. It provides transparency in the pay progression.

- **Alignment with Operational Goals** – The program supports the organization's operational goals by ensuring that employees are well-trained and capable of performing their roles effectively.

I do not see any weaknesses in the program at this time.

RECOMMENDATIONS

I believe this program is well-structured, and a good strategic approach to development and retention. It makes clear which roles are involved, and that they receive increases based on progressing through defined milestones. It defines the roles well and is clear they will go onto the merit program upon completion of the training program. In my opinion the document and program are well crafted. It should motivate employees to reach milestones and progress through the roles to get to the merit program.

CLOSING

Should you have questions about the information contained in this letter, or would desire a discussion of the same, please do not hesitate to contact me. I can be reached at 608.345.9886, or by email at mshefchik@cottinghambutler.com.

I appreciate the opportunity to be of service to your fine organization.

Kindest regards,

Matt Shefchik
AVP
Cottingham & Butler Total Rewards Consulting

COTTINGHAM & BUTLER
Total Rewards
Consulting

April 28, 2025

Emily Tietyen
Human Resources Manager
NEW Water
2231 N. Quincy Street
Green Bay, WI 54302

Re: NEW Water Treatment Shift Worker Retention Incentive

Dear Ms. Tietyen:

Thank you for the opportunity to review and react to the Treatment Shift Worker Retention Incentive Program proposed for select positions at NEW Water. This correspondence serves to provide our reaction and recommendations to the proposed program.

REACTIONS
The following highlight some reactions from our review of the program:

- **Purpose** – The purpose is well-defined and the key objectives are clear. This is another component to ensure recruitment and retention of Treatment staff improves. The turnover rates are clear that Treatment is where the largest risk to the organization is currently.

- **Eligibility** – The limited eligibility is clear, and reinforces the unique nature of the program to focus attention on critical roles to the organization. Communications around the purpose of the program will be critical to ensure understanding for ineligible staff.

- **Complimentary** – This program is complimentary to the base wage scale. The annual analysis done by C&B focuses on base rates, and the pay scale is built as such. Premium pay is not considered in building of the base pay program, so things such as overtime, shift differentials, or incentives/bonuses would be on top of base rates.

- **Prevalence** – Use of retention incentive is not atypical. It is not uncommon for organizations to utilize retention incentives for specific key job groups when turnover is high. Broadly, there is limited data on pay premiums and bonus programs, as many published surveys focus attention on base rates. However, one survey reports 25% of

respondents utilize retention bonus programs. Usage in times of staffing issues is the number one reason to implement such a program in our experience.

- **Amount** – The amount of the incentive is appropriate and reasonable. It could even be considered low in the market, as we find 10% the most common retention incentive amount. We would suggest starting at 5%, as it can be easier to increase the incentive amount as opposed to decreasing the amount. We estimate the 5% proposed incentive will place these roles closer to the 60th or 62nd percentile position in the competitive market.

- **Timing** – The retentive quality of the program is high by paying the incentive at the end of the year, as opposed to building it into every paycheck, where it may be forgotten about. This is a great design feature.

- **Monitor** – I'd suggest you add language that says, "annually the program will be reviewed for continuation or cancellation." I should be clear that this program isn't a "forever" expectation. It may be difficult to remove, but if other tactics introduced work to reduce turnover, this may be the program that is eliminated.

- **Return on Investment** – If the program is successful, the return on investment of the program will be much greater than the 5% payroll expense. We would expect the cost of turnover, vacancy cost, overtime costs due to short-staffing, and recruitment expense to severely outweigh the cost of the incentive program.

RECOMMENDATIONS

I believe this program is well-structured, and the proposal reinforces the usage of such a program, in times of staffing and turnover troubles in select areas. In my opinion the document and program are well crafted.

CLOSING

Should you have questions about the information contained in this letter, or would desire a discussion of the same, please do not hesitate to contact me. I can be reached at 608.345.9886, or by email at mshefchik@cottinghambutler.com.

I appreciate the opportunity to be of service to your fine organization.

Kindest regards,

Matt Shefchik
AVP
Cottingham & Butler Total Rewards Consulting

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nathan Qualls

FROM: Greg Ashauer and Bill Oldenburg

DATE: June 16, 2025

SUBJECT: Lab Information Management System Conversion (Capital Improvement Plan)

Background

In 2011 NEW Water partnered with STARLIMS Corp. on the initial implementation of its Lab Information Management System. During the initial implementation and over time, multiple customizations were built into the software program by STARLIMS developers at the request of NEW Water. These customizations were required and are still utilized today to match both industry standards and NEW Water's procedure for how samples are processed. Since that time, STARLIMS has slowly packaged these customizations into their standard (out of the box) solution as the product has evolved.

While the system's technical layer has been upgraded, the business layer still resides in its original state. The goal of the conversion project is to eliminate all the custom logic built into the business layer over time and transition to a fully supported (out of the box) software application.

This conversion, which was budgeted in the 2024 capital budget, will serve as the third and final phase to modernize NEW Water's Lab Information Management System. A phase 1 technical application layer upgrade was completed in February 2024, followed by a Phase 2 gap analysis completed later that same year.

Recommendation

NEW Water staff is requesting Commission approval to execute a purchase order payable to STARLIMS Corp. in the amount of $294,663.00 to convert the Lab Information Management System to a fully supported (out of the box) software application. A 10% contingency of $29,000 to be administered under the authority of the Executive Director is also recommended.

Commission Action

Request Commission approval for the conversion of the Lab Information Management System in the amount of $294,663.00 with a 10% contingency of $29,000 administered under the authority of the Executive Director for a total amount of $323,663.

Attachments

Return to Agenda

STARLIMS
ONE PARTNER. ONE POWERFUL SOLUTION.

2025 Proposal for ENV Upgrade PS

Prepared by:

Peter Kelly
Sales Executive

Tel: (954) 964-8663

STARLIMS Corporation
4000 Hollywood Blvd, Suite 333 S
Hollywood, FL 33021
United States
Tel: (954) 964-8663
Fax: (954) 964-8113

Presented to:

Green Bay Metropolitan Sewerage District

June 12, 2025

Green Bay Metropolitan Sewerage District
Holly Blazer
2231 North Quincy Street
, 54302
hblazer@newwater.us

Dear Holly,

I want to thank you for the opportunity for STARLIMS to submit our qualifications and the information contained in this proposal in order to assist in your selection of a vendor who can meet your functional and technical requirements.

Our STARLIMS product offering is a feature rich 100% web-based solution that has been on the market for over a quarter century, yet it continues to evolve and stay current with the latest industry trends and technology.

Thank you for your interest in STARLIMS and our STARLIMS product offering. We look forward to the next step in your procurement strategy process. It is our hope that we will be selected as the partner you choose to collaborate with to help deploy a forward-looking modern web-based LIMS solution.

Sincerely,

Peter Kelly
Sales Executive

Prepared For	Prepared By	Details
Green Bay Metropolitan Sewerage District Holly Blazer hblazer@newwater.us (920) 438-1076 2231 North Quincy Street 54302	**STARLIMS Corporation** Peter Kelly Peter.kelly1@starlims.com Tel: (954) 964-8663 Fax: (954) 964-8113	**Quote #: 020194** Version: 1 Delivered: June 12, 2025 Expires: August 29, 2025 CL-767

Project/Training Expenses

Professional Services	USD $ 294,663.00

Project/ Training Expenses

Professional Services

Part #	Description	Location	Qty	Unit Price	TOTAL
PS-COF	STARLIMS Per-Diem Off Site Consulting Services BA/PM/Technical Lead	Off Site	129	USD $ 1,750.00	USD $ 225,750.00
PS-COF	STARLIMS Per-Diem Offsite LIMS Consultant Services - Offshore Engineering Services		78	USD $ 883.50	USD $ 68,913.00
			Total Costs	**USD $**	**294,663.00**

Terms, Conditions & Signatures

1. Prices are in USD $, unless otherwise indicated and do not include any tax that also may be applicable in place of use.

2. Unless otherwise specified, costs do not include airfare expenses, meals, lodging and local transportation costs. These will be charged either monthly, based on actual expenses. Costs do not include travel time. These will be charged monthly for actual hours/ days needed based on on-site rates.

3. Payment terms:

1. **If Perpetual Licenses or Managed Hosting option is selected**, 100% of License costs invoiced upon Program delivery.
2. If Managed Hosting or Subscription option is selected, cloud hosting services will be invoiced annually beginning when the STARLIMS software **is first loaded onto the servers at the data center and the customer is notified.**
3. Professional Services and related expenses invoiced monthly for actual days provided or in accordance with predetermined milestones.
4. For initial license purchases, the cost of maintenance for a full year term will be invoiced upon expiration of the warranty period.
5. Payments due Net 30 Days from receipt of invoice.

4. The professional service hours and rates set forth herein will remain valid for use by the Customer within 18 months of when the Quote is signed and returned by the Customer. Thereafter, any unused professional service hours will automatically expire and be deemed to have been abandoned by the Customer. In the event STARLIMS opts to reinstitute any professional service hours after the 18-month period, the Customer and STARLIMS agree that the price for the abandoned professional services hours shall be adjusted to reflect its then-current professional service rates. The Customer shall be responsible for paying the difference in the prices before any professional services will be rendered. Nothing herein obligates STARLIMS to reinstate any professional service hours that have been abandoned.

5. Prices and associated discounts apply solely to this quotation. Unless otherwise specified herein, subsequent orders for additional STARLIMS licenses and services shall be based upon separate quotations. Maintenance provided during the Warranty Period is limited to the initial purchase of Program Licenses in connection with the execution of this Agreement and shall not include Program Licenses subsequently purchased.
6. When duly executed this quotation shall form the Program Schedule attached as Appendix A of the STARLIMS SOFTWARE LICENSE AND SUPPORT AGREEMENT (the “Agreement”). If any provision in this Program Schedule conflicts with the terms of the Agreement, the terms of the Agreement will control, unless expressly determined herein. All capitalized terms not defined herein shall have the meaning imparted thereto in the Agreement.

7. Note on Training: Registration and confirmation will be on a first-come, first-served basis. Registrations will only be confirmed if STARLIMS has received a valid purchase order for the course. STARLIMS reserves the right to cancel any course that does not achieve a minimum number of registered and confirmed attendees. Any attendee registered and confirmed for a course that is subsequently cancelled will be offered alternative course dates at no additional cost. Cancellation by LICENSEE of a confirmed reservation within two weeks prior to the date of the course will result in charge of 50% of the course fees. If a registered and confirmed trainee is unable to attend a course for whatever reason, LICENSEE may register a substitute trainee at no additional cost.

8. Confidentiality: The information contained in this document may not be disclosed, distributed or communicated outside the organization of the recipient and may not be reproduced, even partially, for any purpose other than the evaluation of this proposal.

LICENSEE

SIGNATURE

NAME

TITLE

DATE

STARLIMS Corporation

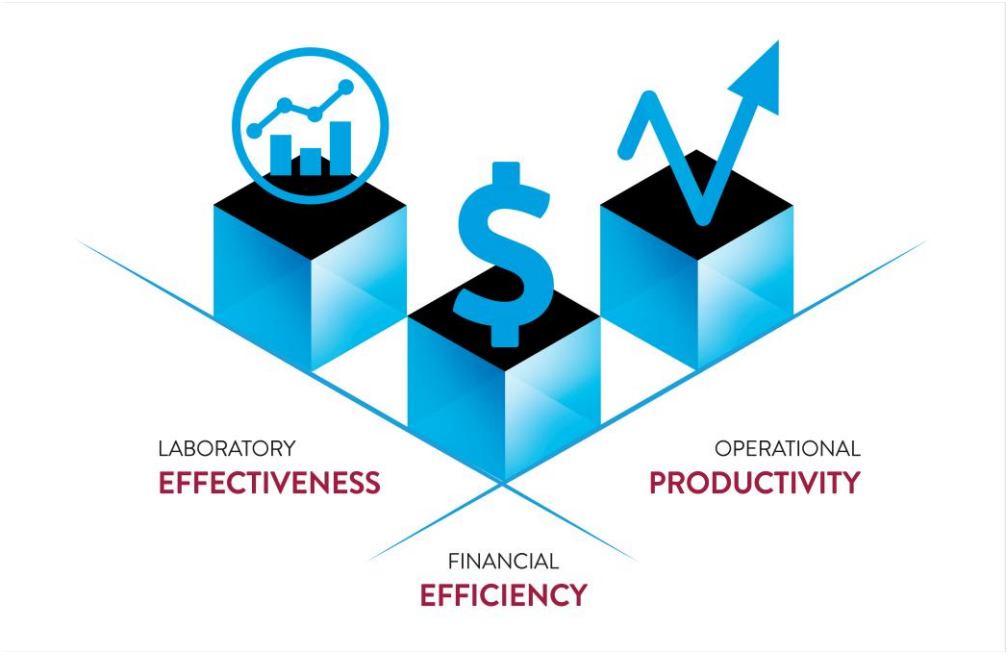
SIGNATURE

NAME

TITLE

DATE

Upon execution, please fax signed documents to the attention of **STARLIMS Corporation Controller** at **(954) 964-8113** or email scanned documents to **STARLIMSSalesPO@starlims.com**.



Statement of Work

Project Number	020194				
Project Name	STARLIMS ES Upgrade Support at Green Bay Sewerage District				
Document Number	SOW 020194	**rev**	00	**Date**	08-MAY-2025

STARLIMS Corporation
4000 Hollywood Blvd, Suite 333S
Hollywood, FL 33021

Review and Approval:

Role	Print Name	Sign Name	Date
STARLIMS Project Manager / Originator	Stan Bobovitch		
Sr. Director Global Professional Services	Micha Rozenhart		
Customer Representative	Nathan Qualls		

Engagement Logistics

Service Initiation

- To initiate Services, STARLIMS requires the following item(s) be delivered:
    - Executed SOW.
    - Purchase order (PO) in the amount indicated in the “Compensation & Payment Considerations” section of this document. No term or condition contained in any attached purchase order will apply unless expressly accepted by STARLIMS in writing.
- This SOW is valid if Customer signs and returns this SOW and an authorized purchase order to STARLIMS on or before 27-JUN-2025, and an authorized PO to STARLIMS within 7 business days from the Effective Date. If a PO is not provided within 7 business days from the Effective Date, Customer agrees that STARLIMS can invoice the Customer on the basis of the signed SOW.

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1. Introduction

1.1 Document Description

This document (the "SOW") describes the work that STARLIMS Corporation ("STARLIMS") will perform related to STARLIMS ES Upgrade Support at Green Bay Sewerage District Sewerage ("Project") for Green Bay Sewerage District ("Customer"). This SOW will be governed by the terms and conditions of STARLIMS Software License and Services Agreement dated 02-MAR-2011 (Agreement") between Customer and STARLIMS.

This document reflects STARLIMS's understanding of the business needs and project requirements and was prepared based on the information available at that point in time. Any changes to these needs or requirements may require changes to any portion of this SOW via the Change Management process. The above introduction is qualified in its entirety by the more detailed descriptions of the circumstances and services that follow.

This SOW and the information contained herein shall be considered Confidential Information subject to the confidentiality terms of the Agreement. STARLIMS retains ownership of this SOW.

If Customer issues a purchase order, memorandum or other instrument covering the Services or Deliverables provided under this SOW or the Agreement, it is agreed that any terms and conditions contained therein that are additional to or inconsistent with this SOW or the Agreement will not be binding on the parties.

When signed by both parties, this SOW will be contractually binding on STARLIMS and Customer under the terms and conditions of the Agreement. In the event of a conflict between the SOW and the Agreement, the terms and conditions of the SOW will prevail. This SOW and the Agreement may not be varied other than by the Change Management process, or in another writing, executed by the duly authorized representatives of both parties.

1.2 General Terms and Definitions

Note: The Terms and Definitions listed below are generic to STARLIMS implementations and not all of these may apply to this SOW.

Term	Description
BA	Business Analyst.
CAF	Customer Acceptance Form used for final system acceptance.
Configuration	Changes to the OOTB software that **are not affected ("impacted") by newer versions** core applications code. These changes include scripting or coding of new apps, templates (for reports, queries. ELN, metadata), calculations, spec schemas for calculations instrument interfaces, inventory transactions & dashboards.
Customization	Changes that **may be potentially affected ("impacted") by newer versions** of core applications code. These changes involve **modifying the replica of the core applications code** for developing custom functionality per customers' specifications. Any subsequent / newer versions (upgrades) of the core code will need to be merged back into the replica and the customizations will need to be modified accordingly. For the sake of clarity, the software delivered to and implemented by the customer is a replica of the core applications code.
Demonstration	Part of the development process, a STARLIMS team member will show the functionality developed relative to the requirements.
Executive Project Sponsor	An Executive level individual that has the authority and responsibility to direct resources to ensure that the Implementation meets Customer expectations.
Fixed Scope	Work that is quoted as a cohesive group of tasks for one fee. This work cannot be changed once contracted, unless agreed to in writing by both STARLIMS and Customer.

Go-Live	The date on which the Implementation is placed into production as specified in the Project Plan and all/any acceptance tests and/or certifications defined therein are successfully concluded to the satisfaction of STARLIMS and Customer.
Hypercare	Hypercare is a period of support provided immediately following go-live. Implementation related fixes and/or training may be performed.
Implementation	The process of implementing the STARLIMS System pursuant to this document.
Installation	Installation involves the STARLIMS Product being made accessible and ready for execution on the designated hardware.
Mentoring	Mentoring hours are ad hoc requests for time from STARLIMS project team members used for answering questions about the system or supporting specific coaching requests to the SMEs. As opposed to formal training, the content of the mentoring hours is driven by the customer's needs and questions.
Planning Phase	The period during which STARLIMS and Customer conceive and develop the Project Plan.
Project Plan	The Project Plan is a document produced collaboratively by the project managers of STARLIMS and Customer that outlines the project's risks, budget, scope, goals, objectives, and tasks that must be performed to facilitate a successful Implementation, and which assigns completion dates and owners to each task. The Project Plan will represent a complete set of objectives, goals, risks and tasks for Customer and STARLIMS, including any additional third parties, that will be performing work related to the Project Plan. Detailed Scope will be provided in a separate document.
Project Schedule	The Project Schedule is a timeline document produced collaboratively by the project managers of STARLIMS and Customer that outlines milestones and tasks that must be performed to facilitate a successful Implementation, and which assigns completion dates and owners to each task. The Project Schedule will represent a complete set of milestone and tasks for Customer and STARLIMS, including any additional third parties, that will be performing work related to the Project Schedule.
SME	Subject Matter Expert
SOW	As defined in Section 1.1.
STARLIMS	As defined in Section 1.1.
STARLIMS System	The STARLIMS Product as Implemented for Customer.
Training	Prepared content delivered on a scheduled basis to Customer employees and/or SMEs. Training materials are created by the STARLIMS team as a portion of the hours allocated to a Training deliverable.
Training Material Package	Documentation that can be purrchased to allow the Customer SMEs to have editable materials that they can use to train its teams.
Verification	Confirmation by examination and provision of objective evidence that the design output meets the design input requirements.
Validation	Confirmation by examination and provision of objective evidence that the device conforms to defined user needs and intended uses.

2. Project Summary

2.1 Relevant Project Scope Items & Deliverables

The services to be provided by STARLIMS under the scope of this SOW are outlined in this section and represent STARLIMS' overall project responsibilities. Services which are not explicitly mentioned are considered to be outside the scope of services of this SOW.

If any changes in scope and/or any additional effort beyond the total planned effort as indicated in this SOW are needed under any circumstances, then such changes will be identified in a written change request, which will be submitted and processed as described in the Change Management section of this SOW.

The following high-level activities are defined as in-scope for this SOW:

- Assistance with upgrade to ES3.2

The in-scope assignments are limited to the list, quantities and assumptions described below:

- The activities listed in this section describe the Project Scope for the STARLIMS team and are finite representations of what will be implemented under the terms of this SOW.
- Any activities not explicitly outlined in this section are not included in the project time/cost assumptions and shall be the sole responsibility of the Customer. For activities where a Quantity ("Qty") count is provided, any activities beyond the Quantity count agreed in this section will be the responsibility of the Customer.
- Any planned effort for any tasks provided in this SOW are estimates only and are subject to change. The actual mix of effort could vary between tasks as determined by the STARLIMS project manager as long as the total planned effort is not exceeded.

In-Scope Activities				
PLANNING		**Effort Days**	**Requirements Refinement**	**Developer Testing / Review**
	Kick off Meeting** (PM/BA) - 2 resources	1		
	Professional Services Development Plan - PSDP	1		
	Project Plan - PPM	1		
	Meetings Assuming meetings over 20 Work Weeks Assumes two STARLIMS resources at each meeting Assuming 2hrs meetings per week	10		
DESIGN & DEVELOPMENT		**Qty**		
	Software Installation	**Qty**		
	Installation – STARLIMS + ***(Dev/Test/Prod)***	3		
	IQ Execution – STARLIMS + ***(Test/Prod)***	3		
	Design Input & Design	**Qty**		
	Update PSTM with Software Requirements - PSTM	3		
	Professional Services Detailed Design - PSDD (DCUs)	3		
	Configuration	**Qty**		
	Dashboard Items / Users Management / Modes of Operation Designer (Configure as needed to restrict / grant access) Can be done by STARLIMS or Green Bay	2	0.5	
	Create & configure up to 5 new DCUs (file based, from in-house instrument)	15	2	3
	Create & configure up to 2 new DCUs (file based, from subcontract lab)	6	0.5	1.5
	Provide an OOTB way to document "Additional Sampling Instructions" for each sample logged by Project	2	0.5	0.5
	Modify the COC to ensure "Additional Sampling Instructions" for each sample appear on the CoC	1	0.5	0.5
	Provide an OOTB way to link Client Project Contacts information to each Sampling Point	2	0.5	0.5
	AdHoc COA Reports configuration	0.5	0.25	0.25
	Agilent DCU / Spec Schemas – System must convert mass/mass and vol/vol raw units to mass/vol final units	2.5	0.5	1
	SPKD_GEN_CONV schema (Spec Schema) – System must use unrounded final result when calculating Recovery for results < Detection Limit	2.5	0.5	1
	Remap – 4 DCUs (Agilent, Lachat GBMSD, Eurofins Subcontract, Pace Subcontract)	2	1	1
	Remap – 3 Spec Schemas – Low Complexity **- CHAR_NA** **- NUMERIC_NA** **- GEN_SUBCONTRACT**	**0.5**	**0.25**	**0.25**
	Remap – 8 Spec Schemas – Medium Complexity - GEN_NOCONV_WW - GEN_NOCONV_SLD - GEN_CONV_WW - GEN_CONV_SLD - LCS_GEN_CONV - SPK_GEN_CONV - SPKD_GEN_CONV - BLK_GEN_CONV First four schemas share SSL Scripts	4	1	1
	Remap – 1 Metadata Template – Low Complexity - _EnvFoldersDef	0.25	0	0.25
	Remap – 1 Metadata Template – Medium Complexity - _EnvOrdersDef	0.5	0.5	0.5
	Remap – 1 Analyte Calculation – Low Complexity - Analyte NO3, Testcodes 2918, 2925, 2873	0.25	0.25	
	Remap – 6 QBE Reports – Medium Complexity - Backlog - "BackLog / Workload" - 1 Report ▫QBE.WORKLOADBYTESTANDSTATUS - COA - "CertificateOfAnalysis, etc…" - 5 Reports ▫Client Report ▫GBMSD_REISSUE_COA_QBE ▫GBMSD_STD_COA_QBE ▫IPS HWC Report ▫IPS Client Report - IPS-1 - "IPS-Generic" - 5 Reports (all shared with "CertificatesOfAnalysis, etc…")	7	1	1
	Remap – 7 QBE Query – Low Complexity - Data – "Lab Data for Analysts" - BillingV – "Billing, Development of SQLview" - COA – "CertificateOfAnalysis, etc…" - FLDSTS – "Folder Status" - FBIFEED – "FBI FEED" - IPS-1 – "IPS-Generic" (assumes ORDERS.BDSMPLRPT is managed outside of STARLIMS) - IPS_HW "Hauled Waste By Type" (assumes ORDERS.SPECIAL_CONDITIONS is the "Additional Sampling Instructions" above	2.5	0.5	1
	Remap – 20 Load Lists Reports – Low Complexity - DefaultSample_ws - GBMSD_1631_INST_Worksheet - GBMSD_1631_PREP_Worksheet - GBMSD_200.7_INST_Worksheet - GBMSD_200.7_PREP_Worksheet - GBMSD_245.1_INST_Worksheet - GBMSD_245.1_PREP_Worksheet - GBMSD_ALK_Benchsheet - GBMSD_CL_Worksheet - GBMSD_CN_Worksheet - GBMSD_COD_Benchsheet - GBMSD_IC_INST_Worksheet - GBMSD_InstWorksheet - GBMSD_MICRO_Worksheet - GBMSD_NH3_INST_Worksheet - GBMSD_NOx_INST_Worksheet - GBMSD_OP_INST_Worksheet - GBMSD_TKNTP_INST_Worksheet - GBMSD_TKNTP_PREP_Worksheet - LLTP Worksheet	5	0.5	1
	Remap – 2 Sample Label Reports – Low Complexity - GBMSDBlankSampleContainerLabels - GBMSDSampleContainerLabels	1.5	0.5	0.5
	Remap – 2 Certificate of Analysis – Medium Complexity - COAS. GBMSD_COA_STD - COAS.GBMSD_COA_QC	3	0.5	1
	Remap – 1 User Defined Report – Medium Complexity - USERDEFINEDREPORTS.GBMSD_LABDATA Assumes Green Bay can provide details about where report is generated and used in STARLIMS	1.5	0.5	1
	Remap – 1 Chain of Custody – Medium Complexity - COC.COC_General	1.5	0.5	1
	Customizations			
	NO CUSTOMIZATIONS	***N/A***		
	Data Import/Migration			
	Data Migration – Dynamic (see attached Excel for details)	10	3	2
	Data Migration & Remapping (see attached Excel for details)	10	3	2
DEPLOYMENT				
	File Version Record - FVR	3		
	Client Validation (UAT/SAT) Support	20		
	Hypercare (Go-Live Support)	5		
CLOSURE				
	Customer Acceptance Form - CAF	0.5		
	Service to Support Transfer Form - SSTF	1		
PROJECT GOVERNANCE				
	Project Manager - PM	27		
ANCILLARY on T&M basis		**Days**		
	M Mentoring: Support Green Bay for remapping their custom database view from old ES à New ES	2		

The STARLIMS Project Manager will share with the Client on a weekly basis, the following project artifacts for STARLIMS activities:

- Overall Project budget burndown (hourly)
- Overall Project scope completion status

2.2 Out of Scope

For additional clarity, the following non-exhaustive list shows examples of deliverables and activities that are not in scope for this SOW:

1. Any changes outside STARLIMS products for instrument integration or external interfaces.
2. Any Training or related activities.
3. Any Performance related activities or modifications to the out-of-the-box workflow, unless specified otherwise in this SOW.
4. Defect fixing for STARLIMS' out-of-the-box solution.
5. Any other activity or deliverable that is not explicitly included as in-scope of this SOW.

2.3 Timeline

The estimated duration of this project is approximately 9-11 months for STARLIMS activities.

The durations reflect expected elapsed time and may not map directly to level of effort. This project schedule is an estimate only and is subject to change. A more specific project plan and schedule will be established during the planning phase of the project. Based on the start date of the project of the project, Customer and STARLIMS will mutually collaborate to create a more accurate timeline of the project.

2.4 Scheduling

1. All scheduling of work will be based on the availability of STARLIMS resources. In an event where the Customer puts the project on hold for any reason, STARLIMS may reassign the staffed resources to other projects and the re-staffing of the project will be based on schedule availability of STARLIMS resources.
2. Scheduling will be determined by mutual agreement of the Parties upon the execution of this SOW.

3. Documentation Outputs

The following are the planned outcomes of this engagement

3.1 Implementation Documentation

For solutions made during the project, STARLIMS will provide Customer with documentation describing how Customer's requested item was addressed. STARLIMS will deliver the following:

1. The Functional Design Document ("FDD") detailing the requirements for Configuration and/or Customization of the Implementation related to the scope as outlined in this SOW. Sections of the FDD will be developed during each Agile sprint. The document will be reviewed by Customer to approve the proposed solutions before Configuration begins for the functionality specified in the section.
2. Standard User Manuals for out-of-the-box functionality will be provided as-is. No updates to User Manuals will be made based on the Configuration of the system specific to Customer.

Documenting the Configuration settings used will be the sole responsibility of Customer.

4. Assumptions and Dependencies

4.1 Assumptions

The following assumptions apply to the entire duration of the project. Any change to these assumptions will be identified in a written change request, which will be submitted and processed as described in the Change Management section of this SOW.

1. The scope and costs provided in this SOW are based on the current understanding of Customer requirements and are subject to change. If the Customer's requirements change or if additional effort and / or resources are needed under any circumstances, then such changes will be handled by following the Change Management process.
2. Customer will provide continuous support for the Implementation, including Customer's senior management, project management and Executive Project Sponsor(s). Support includes the required resources, knowledge, funding, guidance, and decision-making to ensure the Implementation stays on track, including but not limited to maintaining the Implementation schedule, appropriately limiting scope, and modifying internal processes.
3. Customer will provide requested documentation relevant to systems that will interact with the STARLIMS System or corresponding data that will be moved into the STARLIMS System, within a mutually agreed timeline.
4. Customer will provide all example files for integration with instruments, reports and/or third-party software to the STARLIMS implementation team. The estimated project effort reflects only the file-formats received prior to execution of the SOW.
5. Customer's IT infrastructure and support personnel will make any system and/or network modifications required to support the Implementation. Unless the Implementation is being hosted by STARLIMS, Customer will provision an environment for installation with the proper specifications to enable a performant STARLIMS System.
6. Customer has primary responsibility for the overall quality and performance of the Implementation. Customer involvement and participation are critical factors in creating a successful Implementation. Developing the Configuration requires input from Customer lead analysts, SMEs, database engineers and/or developers, who must remain intimately involved until Go-Live.
7. STARLIMS anticipates Customer employees will complete formal Training courses offered by the STARLIMS Academy in advance of the start of the project.
8. Customer Project Manager is responsible for the maintenance and ownership of the Project Schedule, including but not limited to ensuring all tasks required for STARLIMS to complete its tasks are completed in a timely fashion.
9. Customer SMEs will be made available for definition, correction and review of documents, each to be performed as per the mutually agreed-to project plan.
10. Customer SMEs will use the out-of-the-box STARLIMS Product and will leverage the existing functionality and pre-configured content. The Implementation will include Configuration tasks, but Customer workflows may need to be adapted to avoid Customization.
11. Bugs or revisions that are identified during or after the acceptance of a milestone and/or Validation part of the Implementation will be catalogued and reviewed by the project "Governance Committee", which will be comprised of the Executive Project Sponsors from STARLIMS and Customer. The Governance Committee will

determine whether these items: a) are within the scope of this SOW, b) require a change request, or c) can be removed as required to be completed. Notwithstanding whether a bug or revision is identified after Acceptance, Customer will pay any previously issued invoice according to the payment terms and schedule set forth in such invoice.

12. For any issues reported by Customer that STARLIMS can replicate, STARLIMS will triage and estimate time and effort for issue resolution support. All communications for issue resolution support will route through assigned STARLIMS Project Manager. Customer will establish a single point of contact to coordinate issue resolution support activities with STARLIMS PM.
13. Product Issues: Any Product issues will be addressed by submitting the tickets to STARLIMS Support under the Maintenance Agreement signed by the Customer. Fixes may not be provided or included as part of this engagement.
14. The full scope for the Implementation is defined within this SOW. Once this SOW is fully executed, any changes will be managed by the Change Management process.
15. Customer shall perform its duties assigned under the Project Plan in accordance with the specifications set forth therein. Any deviance from the Project Plan or Project Schedule shall be approved by STARLIMS in advance, in writing. Customer shall have ten (10) days to cure any unapproved deviation. Customer's failure to cure such deviation shall entitle STARLIMS to pause or cancel work on the project, at its option. In the event work is paused or canceled, STARLIMS shall be entitled to invoice Customer immediately for the work it has performed. If work has been done toward milestones that were not fully completed, these hours will be invoiced on a T&M basis at the rate established in this SOW.
16. Agile methodology will be implemented during the Data Migration portion of this project. Daily scrum calls will be held to review progress.

4.2 Dependencies

High level dependencies relating to the Implementation are documented in this section.

4.2.1. Hardware and Software

The STARLIMS System will be Installed before starting any Configuration.

SAP Crystal Reports Developer/Designer version XI, XI R2, 2011, 2013 or 2016 is required for Customer to design and create its own reports.

Customer will provide the client working stations (laptops, desktops that will meet or exceed the minimum specified requirements) for its end-users designated to have access to the STARLIMS System.

All pieces of lab equipment that need to be interfaced with the STARLIMS System will have to be connected to the local network before starting any STARLIMS instrument integration.

4.2.2. Network Connectivity

Customer must ensure a dependable network infrastructure for the STARLIMS System.

4.2.3. Interfaces to STARLIMS

For the purpose of interfacing the STARLIMS System with other systems, the ability to expose web services by those systems is a pre-requisite. The alternative is to do the integration via data file transfer. Note that any integrations must be specifically agreed to by STARLIMS in the Project Plan. It is expected that the Customer will provide the relevant expertise on any system that will be interfaced to STARLIMS, and

Customer is solely responsible for the connection and data transfer between STARLIMS and any other system.

4.2.4. Furnished Equipment

If on-site travel will be required, Customer shall, at a minimum, provide office space, laptop (if policy requires), telephone service, badges or ID required to enter the site, and office supplies to STARLIMS' staff working on-site at no additional cost to STARLIMS. STARLIMS will not be responsible for delays in Implementation due to Customer's failure to provide the foregoing in a timely fashion.

4.2.5. Guidelines, Standards and Templates

STARLIMS shall perform its responsibilities under the Project Plan following STARLIMS' internal guidelines, standards and templates. At its sole discretion, STARLIMS may choose to adopt an alternate format provided by the Customer.

4.2.6. Customer SMEs Availability

Availability of Customer SMEs to bridge the knowledge gap during the course of this project is critical to the success of the project. The SMEs will need to be part of all Customer business assessment meetings, participate in all project meetings, prepare materials as mutually agreed with, and in support of, the STARLIMS Business Analyst, Developers and STARLIMS Project Manager.

5. Responsibilities

The following table describes the typical roles and responsibilities for Customer and STARLIMS for STARLIMS projects. Note that not all roles and responsibilities might apply for the work outlined in this SOW.

Role	Responsibilities Description	Customer or STARLIMS
Project Manager	• Responsible for the work performed by the STARLIMS team. • Responsible for resource allocation, resource usage, invoicing and Project Plan updates. • Responsible for collaborative efforts with Customer Project Manager to create and maintain the Project Plan. • Responsible for managing STARLIMS project scope, deliverables and timelines in the Project Plan.	STARLIMS
Account Manager	• Point of contact regarding financial issues such as PO procurement and SOWC change controls.	STARLIMS
Business Analyst	• Work with the product team and configuration engineers to develop project Configuration strategies to meet the Customer business and workflow requirements. • Provide user training.	STARLIMS
Configuration Engineer	• Implements specifications in accordance with project's Scope of Work	STARLIMS
Testing Engineer	• Drafts test cases ("TCs") and executes formal Verification for the functional changes in the scope of the project.	STARLIMS
Project Sponsor	• Escalation point of contact.	STARLIMS

	• Also responsible for ensuring that all necessary STARLIMS resources are made available to provide key business knowledge and/or technical support.	
Executive Project Sponsor	• Responsible for the project as a whole. • Escalation point of contact. • Also responsible for ensuring that all necessary Customer resources are made available to provide key business knowledge and / or IT support. • Responsible for Customer milestone sign-off.	Customer
Project Manager Customer	• Responsible to appoint SMEs to the project; • Overall responsibility for reporting to Project Sponsor; • Control business resources • Responsible for collaborative efforts with STARLIMS Project Manager to create and maintain the Project Plan. • Collaboratively working with STARLIMS Project Manager to assure agreement on project success criteria and Milestone deliverables. • Responsible for managing project scope, deliverables and timelines. **NOTE: Responsible for the overarching Project Plan.**	Customer
Business SMEs	• Assist STARLIMS resources during the Implementation; • Fill static tables with required static data (materials table, test table etc.); • Provide knowledge of business procedures/processes	Customer
Database Administrator / Cloud Operations	• Responsible for the operation and administration of the application server side, DBMS and maintenance.	STARLIMS if cloud hosted; Customer if hosted on-premises
IT Administrator	• Responsible for the operation and administration of the local network, workstations, instruments connectivity and performance tuning.	Customer

Important: Verification (Professional Services Test Cases and Installation Qualification ("IQ")) is the responsibility of STARLIMS (if Customer environment setup is the responsibility for the Customer alone, then they are responsible for IQ), while Validation (operational qualification, performance qualification) is the responsibility of Customer.

Issues will routinely be handled by STARLIMS and Customer project managers. Issues requiring escalation will be raised jointly by these project managers to the Executive Project Sponsors.

STARLIMS retains the sole right to allocate, designate, and utilize employee, hardware and/or software resources in execution of the Implementation. In the event Customer desires STARLIMS to devote a particular resource to this engagement, this request shall be made prior to the commencement of Implementation. Once Implementation is underway, such request may only be available subject to additional costs/fees.

6. Acceptance Criteria

No acceptance is tied to any Milestones (if any). There are no acceptance criteria for any deliverables, and all deliverables will be considered accepted upon delivery.

7. Location of services

Work will be provided off site as a matter of course. Should on site resources be required, this will need to be mutually agreed upon between Customer and STARLIMS. Any travel and related expenses incurred will be billed to the Customer and must be paid upon receipt of invoice.

8. Location of Services

Work will be provided off site as a matter of course. Should on site resources be required, this will need to be mutually agreed upon between Customer and STARLIMS. Any actual travel and related expenses will be billed to the Customer as incurred.

9. Change Management

Any changes that will require additional work from STARLIMS will be charged at STARLIMS's then-current rates, including but not limited to adding or removing deliverables, changing the description or requirements related to deliverables, changes in scope, changes to the assumptions and/or changes in acceptance criteria. The change request will assess time, effort and resources the change may have on the project. Both parties must review the proposed change and indicate approval or rejection of the change request. Upon execution of a change request, this SOW shall be considered amended per the change request. Either party may initiate a change request.

The initiation of a change request will in no way impact the acceptance of a prior deliverable in this SOW or any other previously agreed change request.

10. Compensation & Payment Considerations

Professional Services provided in the scope section are charged on a **Time and Materials (T&M) basis** for a Total Contract Value of $294,663.00. The estimated price is based upon STARLIMS providing the resources necessary to provide the in-scope services of this Statement of Work.

Tasks and Activities	Work effort estimate (days)	Rate /day (USD)	Amount (USD)
STARLIMS Professional Services – **BA/PM/Technical Lead**	129	$1,750.00	$225,750.00
STARLIMS Professional Services – Offshore Engineer/Developer	78	$883.50	$68,913.00
Totals:	**207**		**$294,663.00**

- STARLIMS' compensation for this SOW shall be invoiced monthly as services are performed.
- The planned effort shown in the table above are estimates. The actual mix of effort could vary between tasks and resources as long as the Total Contract Value (TCV) is not exceeded.
- Professional Services Fees exclude taxes.
- All payments made will be in full and are non-refundable.
- No Travel and living costs are estimated in this SOW. If travel is required based on the project needs, it will be addressed via Change Order.

- The Professional Services fees and travel and living (T&L) expenses (if any) set forth in this SOW are estimates only based on STARLIMS's current understanding of the CUSTOMER's requirements. Any changes in scope and/or any additional Professional Services under any circumstances will require a Change Order and associated purchase order reflecting changes agreed upon between STARLIMS and Customer.

***T&M work will be invoiced based on actual days effort spent by STARLIMs, pro-rated for any partial days of work. T&M rates are subject to an annual increase by STARLIMS. STARLIMS will notify Customer of any price adjustment(s) in writing (for which purposes email shall suffice), which are effective thirty (30) days after such notice.**

Term and Termination:

1. Term. This SOW is effective as of the date when last executed (the "Effective Date") and shall continue until completed or terminated in accordance herewith.
2. Termination. Customer acknowledges that they are responsible for utilizing STARLIMS resources to achieve the goals of this SOW and that STARLIMS is being asked to support these goals by providing Services on an hourly (T&M) basis, as described in the SOW.

The Services provided by STARLIMS shall be considered complete upon the earlier of:

1. The specified Period of Performance (if any) as described in the SOW has passed,
2. The total SOW (and any subsequent CRs) amount has been reached, or
3. Both Customer and STARLIMS determine the tasks assigned to STARLIMS have been completed.

In the event this SOW is terminated or suspended prior to the completion of Services, Customer agrees to pay STARLIMS for all work performed through the date of termination or suspension of services at the rate set forth in the SOW for each day for each person assigned by STARLIMS to provide the applicable Professional Services. If applicable, Customer will also be responsible for any travel and living expenses actually incurred through the date of termination.

Any extension beyond the planned period of performance or any changes to performance for the Services will require an executed Change Order to add additional effort and cost.

Period of Performance:

- Customer and STARLIMS will jointly decide on a mutually acceptable project start date ("Start Date"), that occurs after the Effective Date. The anticipated start date is in June 2025
- The Period of Performance to complete and deliver this SOW is estimated at approximately 9-11 months, excluding major holidays, from the mutually agreed upon Start Date.

Any extension beyond the planned Period of Performance may result in additional effort being required to carry out the in-scope activities of this SOW. In such a case, additional effort and costs will be considered via Change Request process.

11. Ownership

A. OWNERSHIP OF INTELLECTUAL PROPERTY.

a. PRE-EXISTING WORKS. As between the parties, each party will be the sole and exclusive owner of all ideas, inventions, discoveries, creations, documents, designs, apparatus, techniques, methods, and formulae (collectively, "Pre-existing Works") that were owned by such party as of or after the effective date together with all related intellectual property rights throughout the world.

b. DEVELOPED WORKS. STARLIMS retains the ownership of all intellectual property conceived, reduced to practice, made or developed in the performance of the Services or the creation of the Deliverables, including modifications, updates or changes to the Software and the documentation created by STARLIMS ("Developed Works") and Customer hereby grants to STARLIMS and its affiliates a worldwide, non-exclusive, irrevocable,

royalty-free, fully paid-up and perpetual license to intellectual property of the Customer (including Customer Pre-existing Works) used in the Developed Works to make, have made, use, sell, disclose, reproduce, publicly perform or display, create derivative works, license, transfer, or otherwise distribute products or services. The Developed Works will be provided to Customer under the license for the related Software. As used herein, "Deliverable(s)" means the materials, content, and other items to be delivered to Customer in connection with the Services delivered by STARLIMS to the Customer as detailed in the SOW, and “Software” means the computer software programs and software systems (and all enhancements, versions, releases, and updates thereto), whether in source code, object code, human readable, or other form, including all algorithms, databases, compilations, components, tool sets, compilers, and applications, and all documentation and materials, including user manuals, training materials, and programming and user documentation related to any of the foregoing that is made available to Customer by or on behalf of STARLIMS, subject to any right(s) granted in writing by STARLIMS to Customer to receive such enhancement, version, release, or update thereto.

c. INCOMPLETE DEVELOPED WORKS. Partial or incomplete versions of Developed Works will be deemed Developed Works. Upon Customer’s request or upon termination of the SOW, STARLIMS will immediately provide to Customer a copy of the then-current version of any Developed Works other than the Software in the possession of STARLIMS or any STARLIMS personnel.

d. CUSTOMER DATA. Customer hereby grants, and STARLIMS hereby accepts, a worldwide, non-exclusive, irrevocable, royalty-free, fully paid-up and perpetual license to STARLIMS and its affiliates to: (a) use Customer Data to deliver the Services to Customer; and (b) create, develop, test, add to, improve, update, upgrade, enhance, configure, extend or modify, the software, including, without limitation, enhancements of, models based upon, and conclusions drawn from the Customer Data, which do not specifically identify Customer or an individual. As used herein, “Customer Data” means information, data, materials, files, text, charts, statistics, reports, results, or other content (a) provided by or on behalf of Customer in connection with the SOW through use of the Software or Services, (b) generated, collected, accessed, processed, transmitted, displayed, reproduced, or stored by the Software or Services, or (c) reformatted, modified, reorganized, or adapted or generated by STARLIMS in connection with (a) or (b).

e. FEEDBACK. STARLIMS encourages the Customer to provide suggestions, proposals, ideas, recommendations, enhancements, or other feedback regarding improvements to the Software or Services pertaining to an SOW (collectively, "Feedback"). If Customer provides or has provided such Feedback, Customer irrevocably grants STARLIMS permission to use, disclose, reproduce, publicly perform, or display, create derivative works, license, transfer or otherwise distribute and exploit such Feedback without restriction or obligation to Customer.

12. Attachments

Attachments	Description
SOWC	Statement of Work for Change Request (a form of which is attached hereto as Exhibit A as an example)

13. Appendices

N/A

14. Revision History

Revision	Date	Author	Change Description
00	08-MAY-2025	Stan Bobovitch	Initial version of the document

EXHIBIT A

Statement of Work Change Request (SOWC)				
Document #	rev	Project #	Project Name	Page:
SOWC	00	TBD	STARLIMS <PRODUCT> Implementation at <CUSTOMER>	1 of 4

Statement of Work for Change Request (SOWC)

Project Number	Click here to enter text.		
Project Name	Click here to enter text.		
Document Number	SOWC Click here to enter text.	**rev**	

Project Review and Approval:

Role	Print Name	Sign Name	Date
Originator / STARLIMS Professional Services Representative			
Customer Representative			

Executive Management Approval:

Role	Print Name	Sign Name	Date
Executive Management			
Customer Executive Management			

Statement of Work Change Request (SOWC)				
Document #	rev	Project #	Project Name	Page:
SOWC	00	TBD	STARLIMS <PRODUCT> Implementation at <CUSTOMER>	2 of 4

Section 1 – Statement of Work for Change Request Authorization			
Customer/Project		Request Date	
Product		Version	
Request Mgmt. System	Click here to enter text.	Request ID	Click here to enter text.
Source and Reasons for the Change – Who is requesting the change, the reasons and description			
Requested by	☐ Customer ☐ STARLIMS Personnel		
	Requestor Name:		
Description of Change	Click here to enter text.		
Reason for Change			

Time & Efforts – Please estimate the time and efforts		Priority	
	Low complexity Change (≤ 1 business day to complete)		Low
	Medium complexity Change Level (2-9 business days to complete)		Medium
	Major Change Level - needs Business Analyst (2-4 weeks to complete)		High
	Critical Change Level Site Visit (Site visit may be needed to evaluate change)		Critical

Project Impact – Estimate the impact on Effort, Schedule and Budget.	
Scope	
Schedule	Click here to enter text.
Impact on Project Budget	Click here to enter text.
System Impact – Assess the impact on System Performance, Security and Business	
Performance impact	Click here to enter text.
Security impact	Click here to enter text.
Business (downtime) impact	Click here to enter text.

Change Request Disposition (state reason & details below)	☐ Accept	☐ Reject (state reason below)	☐ Defer
Rejection or Deferral Details: Click here to enter text.			

Section 2 – Statement of Work for Change Request – Cost Estimate

T&M Component

Professional Services provided in the scope section are charged on a **Time and Materials (T&M) basis** for a Total Contract Value of **$$,$$$**. The estimated price is based upon STARLIMS providing the resources necessary to provide the in-scope services of this Statement of Work.

Tasks and Activities	Work effort estimate (days)	Rate /day (USD)	Amount (USD)
STARLIMS Professional Services	xx	$0	$$
Totals:	**XX**	**$0**	**$$**

- STARLIMS' compensation for this SOW shall be invoiced monthly as services are performed.
- The planned effort shown in the table above are estimates. The actual mix of effort could vary between tasks as long as the Total Contract Value (TCV) is not exceeded.
- Professional Services Fees exclude taxes.
- All payments made will be in full and are non-refundable.
- Any travel and living expenses presented are estimates. Actual travel and living expenses will be invoiced as incurred and must be paid upon receipt of invoice. If additional funds for travel are required based on the actual travel, these will be addressed via Change Order.

  OR

- No Travel and living costs are estimated in this SOW. If travel is required based on the project needs, it will be addressed via Change Order.
- The Professional Services fees and travel and living (T&L) expenses (if any) set forth in this SOW are estimates only based on STARLIMS's current understanding of the CUSTOMER's requirements. Any changes in scope and/or any additional Professional Services under any circumstances will require a Change Order and associated purchase order reflecting changes agreed upon between STARLIMS and Customer.

***T&M work will be invoiced based on actual days effort spent by STARLIMs, pro-rated for any partial days of work. T&M rates are subject to an annual increase by STARLIMS. STARLIMS will notify Customer of any price adjustment(s) in writing (for which purposes email shall suffice), which are effective thirty (30) days after such notice.**

Term and Termination:

Term. This SOW is effective as of the date when last executed (the "Effective Date") and shall continue until completed or terminated in accordance herewith.

Termination. Customer acknowledges that they are responsible for utilizing STARLIMS resources to achieve the goals of this SOW and that STARLIMS is being asked to support these goals by providing Services on an hourly (T&M) basis, as described in the SOW.

The Services provided by STARLIMS shall be considered complete upon the earlier of:

1. The specified Period of Performance (if any) as described in the SOW has passed,

2. The total SOW amount has been reached, or
3. Both Customer and STARLIMS determine the tasks assigned to STARLIMS have been completed.

In the event this SOW is terminated or suspended prior to the completion of Services, Customer agrees to pay STARLIMS for all work performed through the date of termination or suspension of services at the rate set forth in the SOW for each day for each person assigned by STARLIMS to provide the applicable Professional Services. If applicable, Customer will also be responsible for any travel and living expenses actually incurred ~~through~~ the date of termination.

Any extension beyond the planned period of performance or any changes to performance for the Services will require an executed Change Order to add additional effort and cost.

Period of Performance:

- Customer and STARLIMS will jointly decide on a mutually acceptable project start date ("Start Date"), that occurs after the Effective Date. The anticipated start date is in April 2024.
- The Period of Performance to complete and deliver this SOW is estimated at approximately 10 months, excluding major holidays, from the mutually agreed upon Start Date.

Any extension beyond the planned Period of Performance may result in additional effort being required to carry out the in-scope activities of this SOW. In such a case, additional effort and costs will be considered via Change Request process.

Revision History

Revision	Date	Author	Change Description

END OF DOCUMENT

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nathan Qualls

FROM: Robert Brown

DATE: June 13, 2025

SUBJECT: Green Bay Facility North Plant Clarifier Rehabilitation Project – Change Order No. 3

Background

On July 26, 2023, the Commission awarded a construction contract for the Green Bay Facility North Plant Clarifier Rehabilitation Project to Lunda Construction Company. A 10% contingency of $3,431,500 was added to the contract amount of $34,314,529 to address unanticipated changes. Two change orders have been approved for the project to date, resulting in a net cost reduction that increased available contingency funds to $5,140,653.65.

Multiple contract adjustments are addressed by the proposed change order. Several items are modifications to unit pricing that will not be captured as contract cost adjustments until the work is performed. Most of the stated cost associated with Change Order No. 3 is directly related to elevation adjustments - lowering scum beaches, baffles, and feedwell ports to allow proper operation in low-to-average flow conditions. Other significant costs include the replacement of flushing lines that weren't captured in the original design effort and the repair of unanticipated interior wall damage. A summarized list of the included adjustments follows:

1)	Vertical Joint Repair Variations	$0.00
2)	Variable Concrete Repair Depth	$0.00
3)	Expansion Joint Repair Material	$0.00
4)	Final Clarifier Flushing Connections	$27,343.07
5)	Additional Wall Repair – FC #1	$8,217.43
6)	Additional Wall Repair – FC #6	$8,626.59
7)	Enclosures for Sludge Blanket Detector Controls	$11,995.76
8)	Scum Beach Modifications – PC #3 and FC #5	$70,199.20
9)	Scum Baffle Modifications – PC #3 and FC #5	$12,645.91
10)	Scum Port Modifications – PC #3, FC #5, FC #6	$7,072.61

The attached change order includes an explanation for each of these items.

In addition to issues addressed by Change Order No. 3, multiple additional required efforts have been identified. These corrections can't be accurately quantified without further definition or until the work is actually performed. Pending items are captured and tracked on the Change Order Summary Sheet included as an attachment to this memo.

The following table summarizes the project financials to date:

Date	Description	Agreement Amount	Contingency Authorized	Contingency Used	Remaining Contingency
7/26/2023	Original Project Award	$34,314,529	$3,431,500		$3,431,500
10/23/2024	Change Order No. 1	($1,907,400)		($1,907,400)	$5,338,900
11/22/2024	Change Order No. 2	$198,246.35		($1,709,153.65)	$5,140,653.65
6/11/2025	Proposed Change Order No. 3	$146,100.57		($1,563,053.08)	$4,994,553.08
	Totals	**$32,751,475.92**		($1,563,053.08)	$4,994,553.08

Recommendation

Staff recommends Commission approval of Green Bay Facility North Plant Clarifier Rehabilitation Project Change Order No. 3, for a total cost of $146,100.57.

Commission Action

Request Commission approval of Green Bay Facility North Plant Clarifier Rehabilitation Project Change Order No. 3 for a total cost of $146,100.57.

Attachments: Change Order No. 3
Change Order Summary Sheet

CHANGE ORDER NO. 003
CWFP PROJECT NO. 4198-57

CHANGE ORDER DATE OF ISSUANCE	June 9, 2025	COMMENCEMENT OF CONTRACT TIME	October 5, 2023

OWNER: NEW Water (Green Bay Metropolitan Sewerage District)

CONTRACTOR: Lunda Construction Co.

PROJECT: North Plant Clarifier Rehabilitation CONTRACT NO.: 18-020-CO

ENGINEER: Donohue & Associates, Inc.

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS:

DESCRIPTION: SEE ATTACHMENT A.

REASON FOR CHANGE ORDER: SEE ATTACHMENT A.

ATTACHMENTS: ATTACHMENT A.

CHANGE IN CONTRACT PRICE
Original Contract Price: $ 34,314,529.00
Net increase (decrease) from previous Change Orders: $ (1,709,153.65)
Net increase (decrease) of this Change Order: $ 146,100.57
Revised Contract Price: $ 32,751,475.92

CHANGE IN CONTRACT TIMES
Original Contract Times: *(days or dates)* Substantial Completion: October 31, 2026 Ready for Final Payment: February 28, 2027
Net increase (decrease) from previous Change Orders: *(days)* Substantial Completion: N/A Ready for Final Payment: N/A
Net increase (decrease) of this Change Order: *(days)* Substantial Completion: 12 Ready for Final Payment: 0
Revised Contract Times: *(days or dates)* Substantial Completion: November 12, 2026 Ready for Final Payment: N/A

CONTRACTOR agrees that this Change Order includes any and all costs associated with or resulting from the change ordered herein, including all impacts, delays, and accelerated costs. Other than the dollar amount and time allowance listed above, there shall be no other dollar or time compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

RECOMMENDED:	APPROVED:	ACCEPTED:
By: _____ ENGINEER *(signature)*	By: _____ OWNER *(signature)*	By: _____ CONTRACTOR *(signature)*
Allen Howe ENGINEER *(printed name)*	_____ OWNER *(printed name)*	James Lawman CONTRACTOR *(printed name)*
Date: June 9, 2025	Date: _____	Date: 6/11/25

8Green Bay Metropolitan Sewerage District

Green Bay Facility

North Plant Clarifier Rehabilitation Project

NEW Water Project No. 18-020-CO

CWFP Project No. 4198-57

Attachment A

Change Order No. 003

June 9, 2025

Item 1: Modify Unit Price Bid Item 13 to Allow Either Primary Clarifier or Final Clarifier Vertical Expansion Joint Repairs with or without Existing Sealant

It was discovered while Primary Clarifier 3 and Final Clarifier 5 were out of service, that there were existing vertical expansion joints in the tank walls that do not have existing sealant material in them. Therefore, this Work Change Directive makes revisions and additions to Unit Price Bid Item 13 in the Agreement which only allowed for repair to tank wall expansion joints with existing sealant, to also allow work associated with either Primary or Final Clarifier vertical expansion joints without existing sealant.

This Work Change Directive does not change the Contract Amount, it only allows for repairs to expansion joints without sealant to be repaired under the same Unit Price Bid Item 13.

A detailed description of the required work is provided in Work Change Directive (WCD) 014, a copy of which is included in Appendix 1 to this change order.

A copy of the contractor's unit price proposal associated with repairs to vertical expansion joints without sealant, dated July 26, 2024, is also included in Appendix 1.

Add to Contract Amount: **$0.00**

Item 2: Additional Unit Prices for Various Concrete Repair Depths to Unit Price Bid Item 4

In the Agreement, Unit Price Bid Item 4 is for the Removal and Replacement of degraded concrete surfaces up to 2-in in depth. However, repairs of greater depths have been experienced. Therefore, the Contractor has provided additional square foot unit pricing for removal and replacement of degraded concrete of depths 2in – 6in, and for full depth form and pour concrete repairs.

The Work Change Directive does not change the Contract Amount, it only allows for repairs at various depths at associated unit prices to be applied to Unit Price Bid Item 4.

A detailed description of the required work is provided Work Change Directive (WCD) 018, a copy of which is included in Appendix 2 to this change order.

A copy of the contractor's unit price proposal associated with various square foot unit prices for various repair depths, dated August 2, 2024, is also included in Appendix 2.

Add to Contract Amount: **$0.00**

Item 3: Provide Sealant in lieu of Emseal for Horizontal Expansion Joint Repair at Exterior Walkway Surfaces

This WCD is in response to RFI 032, where it was discovered the configuration of the existing expansion joint anticipated based on Record Drawings in which Sealant Type A joint material was specified cannot be installed without modifying the existing joints. Therefore, an alternate sealant has been proposed and is acceptable for use in this application. The sealant material is less than that originally specified material, and as a result the unit price per linear foot is being reduced for Unit Price Bid Item 12.

The Work Change Directive does not change the Contract Amount, in only changes the unit price for the same work with a different sealant material. At the end of the Project, the Contract Amount will be reconciled based on the total linear feet of repairs performed under this Unit Price Bid Item.

A detailed description of the required work is provided in Request for Information (RFI) 032 included as part of Work Change Directive (WCD) 019, a copy of which is included in Appendix 3 to this change order.

A copy of the contractor's revised unit price (credit) proposal, dated June 6, 2025, is also included in Appendix 3.

Add to Contract Amount: **$0.00**

Item 4: Final Clarifier Flushing Connections

This WCD provides replacement of existing Service Water piping and associated hose connections that are currently located on common walls between Final Clarifiers. The lines allow Plant Staff to send service water from the central walkway to the outside of the Final Clarifiers for connecting hoses used to wash down clarifiers and effluent launders.

A detailed description of the required work is provided in Request for Proposal (RFP) 009 included as part of Work Change Directive (WCD) 022, a copy of which is included in Appendix 4 to this change order.

A copy of the contractor's cost proposal, dated March 7, 2025, is also included in Appendix 4.

Add to Contract Amount: **$27,343.07**

Item 5: Final Clarifier 1 Removed Concrete Scum Baffle Support Beam Wall Repair

Details related to wall repairs where concrete scum baffle support beams were removed are described in WCD 024. In summary, the way in which the concrete beams were poured to lock the beams into the clarifier walls left voids and unconsolidated concrete which were revealed when the beams for this clarifier were removed as part of the Project. The repairs to the walls require the removed beam locations to be formed and poured, as opposed to simply patching with mortar.

A description of the required work is provided in Work Change Directive (WCD) 024, a copy of which is included in Appendix 5.

A copy of the contractor's cost proposal, dated March 25, 2025, is also included in Appendix 5.

Add to Contract Amount: $8,217.43

Item 6: Final Clarifier 6 Removed Concrete Scum Baffle Support Beam Wall Repair

Details related to wall repairs where concrete scum baffle support beams were removed are described in WCD 025. In summary, the way in which the concrete beams were poured to lock the beams into the clarifier walls left voids and unconsolidated concrete which were revealed when the beams for this clarifier were removed as part of the Project. The repairs to the walls require the removed beam locations to be formed and poured, as opposed to simply patching with mortar.

A description of the required work is provided in Work Change Directive (WCD) 025, a copy of which is included in Appendix 6.

A copy of the contractor's cost proposal, dated May 29, 2025, is also included in Appendix 6.

Add to Contract Amount: $8,626.59

Item 7: Install Final Clarifier Sludge Blanket Detector Controllers in Enclosures

Owner has requested the Final Clarifier Sludge Blanket Detector Controllers be installed inside a windowless enclosure to prevent sun fade of the display, which is similar to what the DePere Facility currently has installed. The mount for the enclosure will also be modified in order for the face of the enclosure to be flush with the railing in order to avoid inference when traversing the clarifier bridge.

A detailed description of the required work is provided in Request for Proposal (RFP) 025 included as part of Work Change Directive (WCD) 026, a copy of which is included in Appendix 7 to this change order.

A copy of the contractor's cost proposal, dated June 3, 2025, is also included in Appendix 7.

Add to Contract Amount: $11,995.76

Item 8: Primary and Final Clarifier Scum Beach Modifications

Many discussions following the startup of Primary Clarifier 3 and Final Clarifier 5 lead to the Owner's desire to lower the Scum Beaches a total of 5-1/2in from that shown in the shop drawing in order to minimize the amount of exposed scum beach ramp during average daily flows for the four Primary and eight Final Clarifiers. Lowering of the scum beaches is accomplished by modifying (cutting and rewelding) the wall brackets supporting the scum beach, as well as modifying the scrapper arm and associated deflector plate.

A detailed description of the required work is provided in Request for Proposal (RFP) 024R1 included as part of Work Change Directive (WCD) 027, a copy of which is included in Appendix 8 to this change order.

A copy of the contractor's cost proposal, dated June 4, 2025, is also included in Appendix 8.

Add to Contract Amount: **$70,199.20**

Item 9: Primary and Final Clarifier Scum Baffle Modifications

Many discussions following the startup of Primary Clarifier 3 and Final Clarifier 5 lead to the Owner's desire to lower the Scum Baffles to minimize the amount of baffle exposed above the average daily water levels for all clarifiers. In lieu of modifying every bracket which supports the scum baffle in each clarifier, approximately 72, it was determined to lower the baffles as much as allowed by the slotted mounting holes in the brackets. Each baffle will be installed at the same level elevation for the Primaries and Finals, respectively. This WCD is only to lower the baffles in Primary Clarifier 3 and Final Clarifier 5 which have already been installed. The Contractor will install the baffles for the remaining clarifiers at the respective new common elevation as part of the initial new equipment installation.

A detailed description of the required work is provided in Request for Proposal (RFP) 023 included as part of Work Change Directive (WCD) 035, a copy of which is included in Appendix 9 to this change order.

A copy of the contractor's cost proposal, dated May 19, 2025, is also included in Appendix 9.

Add to Contract Amount: **$12,645.91**

Item 10: Primary and Final Clarifier Scum Port Modifications

Many discussions following the startup of Primary Clarifier 3 and Final Clarifier 5 lead to the Owner's desire to lower the scum ports in the clarifier feedwells an additional 2in in order for the bottom of the scum ports to be a total of 4in below the average water level in the Primary and Final Clarifiers, respectively. This WCD is only to lower the baffles in Primary Clarifier 3, and Final Clarifier 5 and 6 which have already been installed. The Contractor will install the remaining clarifiers with the scum ports at the respective new bottom of port elevation as part of the initial new equipment installation.

A detailed description of the required work is provided in Request for Proposal (RFP) 022 included as part of Work Change Directive (WCD) 036, a copy of which is included in Appendix 10 to this change order.

A copy of the contractor's cost proposal, dated May 16, 2025, is also included in Appendix 10.

Add to Contract Amount: $7,072.61

Total add to Contract Amount $146,100.57

APPENDIX 1

WORK CHANGE DIRECTIVE NO. 014

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	August 7, 2024	Effective Date of Work Change Directive:	August 7, 2024

Contractor is directed to proceed promptly with the following change(s):

Description:

Add unit price for surface preparation and sealant application only for Vertical Clarifier expansion joints which do not have existing sealant. This is similar to Bid Form Item 13, but with no existing sealant to remove. Proposed changes herein provide a separate unit price structure for new sealant to be provided in either Primary or Final Clarifiers vertical expansions with existing or without existing sealant.

Therefore, this Work Change Directive makes the following revisions and additions to allow Work associated with either Primary or Final Clarifier vertical expansion joints, with or without existing sealant.

1. In Bid Form, Bid Item 13 in Unit Price Schedule make the following revisions:
    a. Delete the words in the Title for Bid Item 13, and replace with the following, as this will allow the unit price to be affective for both Primary and Final Clarifiers which have existing sealant material to be removed prior to installation of new:

        "Bid Item No. 13: Vertical expansion joint repair inside Clarifier Tanks which have existing sealant"

2. In Section 01 22 00 – Unit Prices, make the following revisions to:
    a. Delete the words in the Title for Subparagraph 1.02.K, and replace with the following:

        "Bid Item No. 13: Vertical expansion joint repair inside Clarifier Tanks with existing sealant"

    b. Delete subparagraph 1.02.K.d and replace with the following:

        "Structure 110 and 130 S-Drawings"

3. Include the following as part of the Unit Price Structure per the attached email Unit Price Cost Proposal which will be tracked the same as other Bid Form Items:
    a. Item: Vertical expansion joint repair inside Clarifier Tanks which have no existing sealant.
        i. Work as described below:
            1. Section 01 35 16: Alternation Project Procedures
            2. Section 07 92 00: Joint Sealants
            3. Other Sections containing pertinent and incidental Work
            4. Structure 110 and 130 S-Drawings

ii. Include the cost of:
   1. Prepare existing joint
   2. Install new expansion joint material
   3. Other pertinent and incidental Work
   4. General requirements of Sections listed

iii. Do not include cost of:
   1. Work included in other Bid Items

iv. Measurement of Payment:
   1. Measure LINEAR FOOT quantity per attached Unit Cost Proposal

b. Unit Price: $92/Linear Foot (LF).

Attachments:

- Contractor's email Unit Price Proposal

Purpose for the Work Change Directive:

Bid Form Item 13 Unit Price is for removal and replacement of sealant within Final Clarifier vertical expansion joints. However, it was discovered while Primary Clarifier 3 and Final Clarifier 5 were out of service, there are existing vertical expansion joints which do not have existing sealant material in them. Therefore, this Work Change Directive makes the following revisions and additions to allow Work associated with either Primary or Final Clarifier vertical expansion joints, with or without existing sealant.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☑Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $ _____ not yet estimated. Unit Price: $92/LF

Contract Time: 0 days increase.

Basis of estimated change in Contract Price:

☐ Lump Sum ☑Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert T Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	August 7, 2024	8/8/24

James Lawman

From: James Lawman
Sent: Friday, July 26, 2024 1:27 PM
To: Howe, Allen; Filz, Adam
Cc: Adam P. Gerondale; Benjamin Nagel
Subject: NEW Water | 16099600 - North Plant Clarifier Rehabilitation Project | RFI-16 Item #5 Unit Price

Al,

The unit price for RFI Item #5 (surface prep and application only) will be $92/LF. Note that is per the specifications (110, scrim cloth, and 805 only) and not per the manufacturer's recommendations per RFI 18.

Let me know how you want this submitted. Letter?

Regards,
James Lawman
Specialty Services

LUNDA CONSTRUCTION

ph: (920) 853-3522
cell: (715) 896-1602
fax: (920) 853-7170
email: jlawman@lundaconstruction.com
www.lundaconstruction.com

APPENDIX 2

Return to Agenda

WORK CHANGE DIRECTIVE NO. 018

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 3, 2025	Effective Date of Work Change Directive:	June 3, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Unit pricing for additional Remove and Replace degraded concrete surface repair depths.

Attachments:

Proposed Contractor Unit Pricing for 2-in – 6in depth, and full depth concrete repairs

Purpose for the Work Change Directive:

Currently, in the Agreement is Unit Price Bid Item 4 to Remove and Replace degraded concrete surfaces up to 2in in depth. However, repairs of greater depths have been witnessed. The proposed square foot unit pricing will allow for unit pricing of depths 2in – 6in as well as full depth form and pour concrete repairs.

At the time of this WCD, the intent is to use the Unit Price Bid Item 4 amount for any of the three unit price repair depth options. If this amount is consumed, there will be a Change Order item to increase the amount.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times

Contract Price: $0.00 **No Change**

Contract Time: 0 days **No Change**

Basis of estimated change in Contract Price:

☐ Lump Sum ☑Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert J Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 3, 2025	6/3/25

LUNDA
CONSTRUCTION CO.

620 Gebhardt Road, P.O. Box 669
Black River Falls, WI 54615
ph: (715) 284-9491 fax: (715) 284-9146
www.lundaconstruction.com

August 2, 2024

Project: North Plant Clarifier Rehabilitation Project
Project Number: US-WI-358-3
Location: Green Bay, WI
Lunda Job Number: 16099600

Attn: Mr. Allen Howe
Donohue & Associates, Inc.

Subject: Concrete Surface Repair greater than 2-inches

Al -

Below you will discover pricing for concrete surface greater than 2-inches in depth. Let us know how you want to proceed.

Unit Price 4 (2-inch or less): $150.00 / SF

CSR (2-inch to 6-inch): $190.00 / SF
Sika 1000 w/ aggregate

CSR (full depth/form & pour): $278.00 / SF
Sika 211 SC Plus

Thank You,

James Lawman
Lunda Construction
715-896-1602

CC: A. Gerondale, File

APPENDIX 3

WORK CHANGE DIRECTIVE NO. 019

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 6, 2025	Effective Date of Work Change Directive:	June 6, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

The shape of the expansion joints in Aeration Basin Deck is different than expected based on Record Drawings and observations of the sealant currently installed. As opposed to the joint being the same width full depth of the slab, the wide portion of the joint is shallow, with the two adjoining slabs basically touching; see photos in attached RFI 032. The existing joint configuration will not accommodate Type A Sealant as specified (submitted as Emseal). Therefore, a polyurethane sealant will be used in lieu of Emseal, in which a credit will be provided back to the Owner.

Attachments:

RFI 032

Contractor Pricing associated with RFI 032

Purpose for the Work Change Directive:

In response to RFI 032, attached, existing horizontal expansion joints on the exterior walkways are a different configuration than anticipated based on Record Drawings in which the specified Sealant Type A joint material cannot be installed without modifying the existing joints. Therefore, an alternate sealant has been proposed which resembles the type of flowable sealant currently installed. This Work Change Directive changes the sealant material used and the associated unit price for Bid Item 12 in the Unit Price Work Schedule found in the Agreement. While the unit price is changing, the total amount for Bid Item 12 will remain the same until added to during the Project or reconciled at the end of the Project in a Final Change Order adjustment.

In accordance with the Contractor's attached unit price cost proposal dated June 6, 2025 the new Unit Price for Bid Item 12 in the Agreement will be changed from $75/LF to $48/LF which includes Materials, Labor and any repairs required to restore existing joints to their original configuration.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times:

Contract Price:	$ 0	**No Change**
Contract Time:	0 days	**No Change**

Basis of estimated change in Contract Price:

☐ Lump Sum ☑ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert T Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 6, 2025	6/9/25

REQUEST FOR INFORMATION

Request No. L-032	Date: 4/8/24
Contractor: Lunda Construction	Specification Section / Drawing No.: 07 92 00
Project: GBMSD North Plant Clarifier Rehab	
Contract: NEW Water 13998	

This is a request for a information on the following:

Bid item 12: Horizontal expansion joint repair at exterior walkway. During the joint replacement is was discovered that the existing joint is not an expansion joint and merely a doweled construction joint. The use of the specified expansion joint material (EMSEAL) is unnecessary for this application. We suggest to use Sikaflex-2c NS (limestone) in lieu of the EMSEAL product. There would also be an overall credit to the project for an approximate value of $13,000.00

Please advise.

Prepared By: Ben Nagel	Date Response Needed: 4/11/25

Response:

Recommended joint sealant Sikaflex 2C NS, limestone in color is acceptable; it is a polyurethane sealant.

Please note:

- Contractor shall mix and install the sealant per the manufacturer's recommendations.
- Contractor shall make sure all joints are cleaned prior to application; remove surface debris and/or dust.
- It does not appear backer rod is currently installed. Therefore, Contractor is to patch the deteriorated concrete along the existing joints to match prior conditions; shape any new patches to match how the existing joints were shaped.

A WCD will be prepared for the proposed credit. Provided in a separate communication.

Prepared By: Chase P.	Date: April 8, 2025

Response Returned to Contractor On:

cc: Owner:_____
Resident Project Representative:_____

Existing Construction Joint

Existing Doweled Connection

BUILDING TRUST

PRODUCT DATA SHEET

Sikaflex®-2c NS EZ Mix

Two-component, non-sag, polyurethane elastomeric sealant

PRODUCT DESCRIPTION

Sikaflex®-2c NS EZ Mix is a 2-component, premium-grade, polyurethane-based, elastomeric sealant. It is principally a chemical cure in a non-sag consistency. Meets ASTM C 920, Type M, Grade NS, Class 25, use T, NT, M, G, A, O, I and Federal specification TT-S-00227E, Type II, Class A. Meets Canada Standard CAN/CGSB 19.24 - M90.

USES

- Intended for use in all properly designed working joints with a minimum depth of ¼ inch.
- Ideal for horizontal, vertical, and overhead applications.
- Placeable at temperatures as low as 40 °F.
- Adheres to most substrates commonly found in construction.
- An effective sealant for use in Exterior Insulation Finish Systems (EIFS).
- Submerged environments, such as canal and reservoir joints.

CHARACTERISTICS / ADVANTAGES

- Capable of +50 % joint movement.
- Chemical cure allows the sealant to be placed in joints exceeding ½ in. in depth.
- High elasticity with a tough, durable, flexible consistency.
- Exceptional cut and tear resistance.
- Exceptional adhesion to most substrates without priming.
- Available in 35 architectural colors.
- Color uniformity assured via Color-pak system.
- Available in pre-pigmented Limestone Gray (no Color-pak needed).
- Non-sag even in wide joints.
- Certified to the NSF/ANSI Standard 61 for potable water.
- Easy to mix.
- Paintable with water-, oil-, and rubber-base paints.
- Jet fuel resistant.
- Cold weather booster for initial tack (see reverse side for data).
- Shore A hardness can be increased by using “TG” additive. See Sikaflex-2c NS TG data sheet for specific details.

ENVIRONMENTAL INFORMATION

- LEED® EQc 4.1
- SCAQMD, Rule 1168
- BAAQMD, Reg. 8, Rule 51

APPROVALS / STANDARDS

- Certified to NSF/ANSI standard 61 for portable water
- 2-hour UL Fire Rated Joint System Nos. FF-S-1034, FW-S-1020, HW-S-1018, WW-S-1037.

PRODUCT INFORMATION

Packaging	1.5 gal. unit, 3 gal unit.
Color	A wide range of architectural colors are available. Special colors available on request.
Shelf Life	One year in original, unopened containers.
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Condition material to 65–75 °F before using.

TECHNICAL INFORMATION

Shore A Hardness	25 ± 5	(73 °F (23 °C) and 50 % R.H.) (ASTM D-2240)
Tensile Strength	95 psi	(73 °F (23 °C) and 50 % R.H.) (ASTM D-412)
Tensile Stress at Specified Elongation	70 psi at 100 %	(73 °F (23 °C) and 50 % R.H.) (ASTM D-412)
Elongation at Break	300 %	(73 °F (23 °C) and 50 % R.H.) (ASTM D-412)
Adhesion in Peel	**Substrate**: Concrete; **Peel Strength**: >15 lb.; **Adhesion loss**: 0%	(73 °F (23 °C) and 50 % R.H.) (Fed Spec.TT-S-00227E)
Tear Strength	45 lbs./in.	(73 °F (23 °C) and 50 % R.H.) (ASTM D-624)
Chemical Resistance	Good resistance to water, diluted acids, diluted alkalines, and residential sewage. Consult Technical Service at 1-800-933-SIKA for specific data.	
Resistance to Weathering	Excellent	
Service Temperature	-40 °F to 170 °F (-40°C to 75 °C).	

APPLICATION INFORMATION

Coverage

1 gallon: Yield in Linear feet

Width/Depth	1/4"	3/8"	1/2"
1/4"	307.9		
3/8"	205.3	136.8	
1/2"	153.9	102.6	77.0
3/4"	102.6	38.4	51.3
1"			38.5
1.25"			30.8
1.5"			25.7

Ambient Air Temperature	40 °F to 100 °F Sealant should be installed when joint is at mid-range of its anticipated movement.
Substrate Temperature	40 °F to 100 °F Sealant should be installed when joint is at mid-range of its anticipated movement.
Pot Life	**Sikaflex®-2c NS EZ Mix Working Time (hours)**

	73 °F	100 °F	40 °F
Sikaflex-2c NS	4–6	3	6
w/ 1 booster	2	1	2–3
w/ 2 boosters	1	<1	1.5

Cure Time	3 days	(ASTM C-679)
Tack Free Time	8-10 hours	(ASTM C 679)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Priming is typically not necessary. Most substrates only require priming if sealant will be subjected to water immersion after cure. Testing should be done, however, on questionable substrates, to determine if priming is needed. Consult Technical Service or Sikaflex Primer Technical Data Sheet for additional information on priming. Note: Most Exterior Insulation Finish Systems (EIFS) manufacturers recommend the use of a primer. When EIFS manufacturer specifies a primer or if on-site bond testing indicates a primer is necessary, Sikaflex 429 primer is recommended. On-site adhesion testing is recommended with final system prior to the start of a job.

MIXING

Pour entire contents of Component 'B' into pail of Component 'A'. Add entire contents of Color-pak into pail and mix with a low-speed drill (400–600 rpm) and Sikaflex paddle.* Mix for 3–5 minutes to achieve a uniform color and consistency. Scrape down sides of pail periodically. Avoid entrapment of air during mixing. When mixing in cold weather (<50 °F), do not force the mixing paddle to the bottom of the pail. After adding Component 'B' and Color-pak into Component 'A', mix the top 1/2 to 3/4 of the pail during the first minute of mixing. After scraping down the sides of the pail, mix again for another minute. The paddle should reach the bottom of the pail between the first and second minute of mixing. Scrape down the sides of the pail a second time and then mix for an additional 2–3 minutes until the sealant is well blended. Color-pak must be used with tint base. For pre-pigmented Limestone base, just mix with low speed drill and Sikaflex paddle (no Color-pak needed).

APPLICATION METHOD / TOOLS

Recommended application temperatures 40–100 °F. Pre-conditioning units to 65–75 °F is necessary when working at extremes. Move pre-conditioned units to work areas just prior to application. Apply sealant only to clean, sound, dry, and frost-free substrates. Sikaflex-2c should be applied into joints when joint slot is at mid-point of its designed expansion and contraction. To place, load directly into bulk gun or use a follower plate loading system. Place nozzle of gun into bottom of joint and fill entire joint. Keeping the nozzle deep in the sealant, continue with a steady flow of sealant preceding nozzle to avoid air entrapment. Also, avoid overlapping of sealant since this also entraps air.

Tooling and Finishing

Tool sealant to ensure full contact with joint walls and remove air entrapment. Joint dimension should allow for 1/4 inch minimum and 1/2 inch maximum thickness for sealant. Proper design is 2:1 width to depth ratio. To accelerate the cure of Sikaflex®-2c NS EZ Mix in cold weather temperatures, add Sikaflex-2c booster.

Removal

Uncured material can be removed with xylene. Strictly follow solvent manufacturer's warnings and instructions for use. Cured material can only be removed mechanically. For spillage, collect, absorb, and dispose of in accordance with current, applicable local, state, and federal regulations.

LIMITATIONS

- The ultimate performance of Sikaflex®-2c NS EZ Mix, depends on good joint design and proper application.
- Minimum depth in working joint is 1/4 in.
- Maximum expansion and contraction should not exceed 50 % of average joint width.
- When used in areas with heavy traffic either recess joint or use TG (Traffic Grade) Additive to increase durability.
- Do not cure in the presence of curing silicones.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Allow 3 day cure before subjecting sealant to total water immersion. Primer is required if sealant will be subjected to total water immersion.
- Avoid exposure to high levels of chlorine. (Maximum level is 5 ppm).
- Do not apply when moisture vapor transmission exists since this can cause bubbling within the sealant.
- Avoid over-mixing sealant.
- White color tends to yellow slightly when exposed to ultraviolet rays.
- Light colors can yellow if exposed to direct gas fired heating elements.
- When overcoating, an on-site test is recommended to determine actual compatibility.
- Rigid paints, coatings or primers will crack when placed

over elastomeric sealants experiencing expansion or contraction
- Do not use in contact with bituminous/asphaltic materials.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at https://usa.sika.com/en/group/SikaCorp/termsandconditions.html or by calling 1-800-933-7452.

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Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537

LUNDA
CONSTRUCTION CO.

620 Gebhardt Road, P.O. Box 669
Black River Falls, WI 54615
ph: (715) 284-9491 fax: (715) 284-9146
www.lundaconstruction.com

Excellence in Construction Since 1938 An Equal Opportunity Employer

June 6, 2025

Project: North Plant Clarifier Rehabilitation Project
Project Number: 18-020-CO
Location: Green Bay, WI
Lunda Job Number: 16099600

Attn: Mr. Allen Howe
Donohue & Associates, Inc.

Subject: RFI 32 Unit Price Cost Adjustment – R1

Al -

During execution of the Work for Bid Item 12 – Horizontal expansion joint repair at exterior walkways, it was discovered that the existing joints are not truly expansions joints but merely doweled construction joints. As the specified Sealant Type A is not appropriate for this application, Lunda has proposed using Sikaflex 2C NS. Below you will discover the cost to remove the existing sealant, prep the joint (chamfer and clean), and apply new sealant.

- Bid Form Item 12 – Emseal Unit Price ($75/LF):
  - $40.83 Material
  - $34.17 Labor

- Proposed Bid Form Item 12 replacement – Sealant Unit Price ($48/LF):
  - $33.57 Material
  - $14.43 Labor

Thank You,

James Lawman
Lunda Construction
715-896-1602

CC: A. Gerondale, File

APPENDIX 4

Return to Agenda

WORK CHANGE DIRECTIVE NO. 022

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	April 30, 2025	Effective Date of Work Change Directive:	April 30, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Replace Service Water (SW) piping located on common walls between Final Clarifiers with new and new hose connections.

Attachments:

RFP 009 – Final Clarifier Flushing Connections

Contractor Pricing for RFP 009

Purpose for the Work Change Directive:

PVC piping is disfigured and has been exposed to the elements. Original Owner request to replace.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times:

Contract Price: $ 27,343.07 **increase**

Contract Time: 0 days **No Change**

Basis of estimated change in Contract Price:

☑Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert J Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	April 30, 2025	5/6/25

SPEED LETTER

DONOHUE
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

DATE: February 5, 2025

TO: Mr. Adam Gerondale
Lunda Construction Co.
W2332 Crosstown Road
Hilbert, WI 54129
Phone: 920.9853.3522

CONTRACT: GBMSD Green Bay Facility
North Plant Clarifier Rehabilitation Project
New Water Project No. 18-020-CS

DONOHUE PROJECT NO: 14324

MESSAGE: **Request for Proposal 009: Final Clarifier Flushing Connections**

Adam,

This Request for Proposal (RFP) is being prepared in response to Submittal 36 pertaining to the Service Water flushing connections identified on the Drawings for the Primary Clarifiers as well as the flushing connections on piping associated with each of the Primary Sludge and Scum Pumps, and Final Scum Pumps. This RFP addresses the flushing connections at each location.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Concerning Service Water Flushing Connections at Primary Clarifiers, delete references to firehose connections at each end of 2" SW found on Drawings:

    a. Delete Plan Note 2 in its entirety as identified on attached Drawings 110-M-13 and -15.
    b. Delete Photo 1 found on attached Drawing 110-M-13 in its entirety.
    c. Delete Drawing Note '2" SW', Plan Note Designation 2 and leader arrow as identified on attached Drawings 110-M-13 and -15.
    d. Provide material and installation credit for deletion of SW pipe between Primary Clarifier 1 and 2, and for SW pipe between Primary Clarifier 3 and 4.
    e. Provide material and installation credit for male and female end connections for pipe between Primary Clarifier 1 and 2, and Primary Clarifier 3 and 4.

2. Concerning Service Water Flushing Connections at Final Clarifiers:

    a. Photo document each SW pipe run to confirm after the fact which ends are to be provided with male or female hose connections.
    b. Remove existing 2-1/2-in SW piping located on top of common wall between Final Clarifiers 1 and 2, 3 and 4, 5 and 6, 7 and 8 as shown attached Drawings 110-R-20 thru -27.
    c. Remove existing stainless steel Unistrut pipe supports located on top of common walls where pipe is removed. Where locations of existing anchor bolts for removed supports do not align for reuse with new pipe installation because of support spacing requirements, cut existing stainless steel anchor bolts flush with top of existing wall.

d. Salvage existing male and female connectors from each end of existing SW piping, and turn over to Owner and deliver where determined by Owner.
e. Provide 2-1/2in Schedule 80 PVC at each location where existing SW pipe was removed, to extend from Aeration Basin center walkway along top of common wall to opposite side of Final Clarifier exterior wall.
f. For each SW hose connection terminating on the center Aeration Basin walkway, provide the following:

    i. Provide new 2-1/2-in Brass swivel female hose thread by male NPT, pin lug, fitting.
    ii. Provide Brass to Schedule 80 PVC adapter; Spears PVC female adapter (Soc x SR Fpt). Coordinate thread type of connection hose with Owner for approval prior to installation.
    iii. Provide 45-deg elbows to roll an offset which allows the SW piping to avoid existing railing post, to rise up and over railing toe plate, and extend 6-in beyond toe plate for ease of flexible hose connection by Owner.
    iv. Provide Type 316 stainless steel vertical strut from top of concrete deck to support pipe immediately on back side of hose connection. Fasten support to deck with Type 316 stainless steel adhesive anchors. This shall be a rigid anchor point for the SW piping. Square tubing with closed top or angle with u-bolt is acceptable; all materials and fasteners shall be Type 316 stainless steel.
    v. Provide second rigid anchor point at first SW piping support, support type identified in following section of this RFP, located on top of clarifier wall. Mount wall support as close to 45-deg fitting as possible. Use Type 316 stainless steel Unistrut split pipe clamp to provide a rigid pipe connection.
    vi. Review final piping route and support configuration with Owner and Engineer for approval prior to start of piping installation.

g. For each SW pipe support extending from center walkway to opposite side of tank exterior wall, provide the following:

    i. Provide Type 316 stainless steel 7/8-in high Unistrut support with a maximum 6-ft spacing along top of common wall in accordance with Section 40 05 07 – Pipe Hangers and Supports. Length of supports shall be 1-in less than existing wall width, centered on existing wall, with a minimum of two 3/8-in Type 316 stainless steel adhesive anchors with outside of anchor no closer than 2-1/2-in from edge of concrete wall. Review with Engineer prior to installation of anchors.
    ii. Provide Type 316 stainless steel Unistrut single piece pipe strap with Type 316 stainless steel hardware to strap around SW pipe centered on common wall at each support location. Single piece pipe strap shall <u>not</u> be a rigid connection unless where indicated, but allow the PVC pipe to expand and contract with ambient temperatures. Provide stainless steel spacer between strap and wall support to create no more than 1/16-in gap between strap and PVC pipe. Review with Engineer prior to installation.

h. For each SW hose connection terminated on the outside wall oppose the center walkway of Aeration Basins, provide the following:

    i. Provide new 2-1/2-in Brass male threaded hose by male npt adapter connection at this location. Coordinate thread type of connecting hose with Owner for approval prior to installation.

ii. End of hose connection shall extend 6-in beyond exterior face of wall.
iii. Provide Brass to Schedule 80 PVC adapter; Spears PVC female adapter (Soc x SR Fpt). Coordinate thread type of connection hose with Owner for approval prior to installation.
iv. Provide wall support within 3-in of edge of wall. Reuse of existing if available is acceptable. Not a fixed pipe support, allow for expansion and contraction.

3. Submit PVC pipe and associated adapters.
4. Provide in accordance with the Contract Documents.

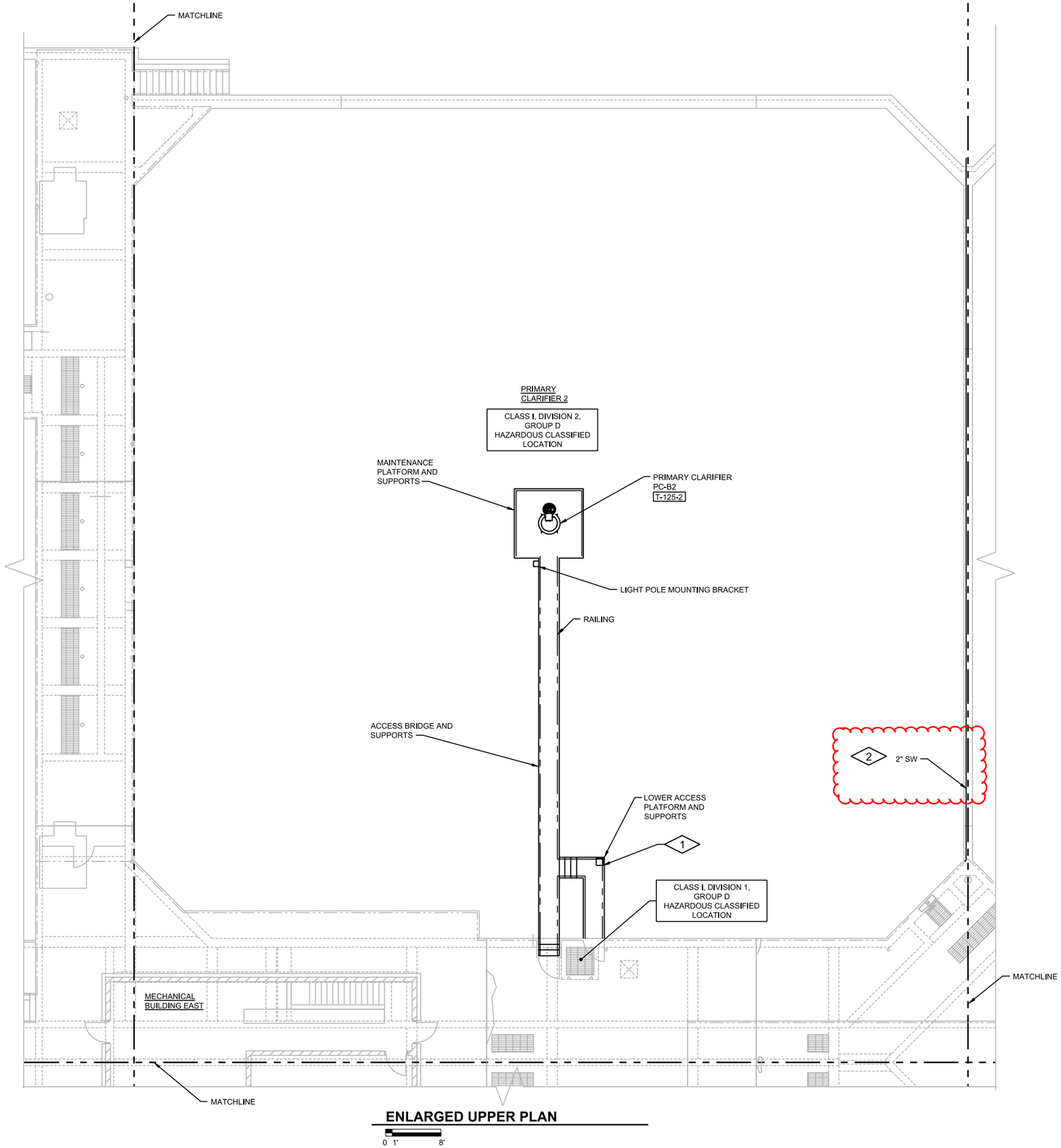
Please provide a detailed cost proposal for this work—including labor hours, cost of labor, subcontractor costs (also broken down into labor hours, labor cost, material costs) and supporting vendor pricing information.

Attachments: Drawings 110-M-13 and -15, 130-R-20 thru -27

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By: _____
Allen Howe, Construction Administrator



ENLARGED UPPER PLAN

0 1' 8'

GENERAL NOTES:

1. REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
2. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
3. NOT ALL PIPES, FITTINGS, VALVES, AND EQUIPMENT SHOWN FOR CLARITY.

PLAN NOTES:

1. PROVIDE SOCKET DAVIT CRANE BASE ATTACHED TO CLARIFIER PLATFORM SIMILAR TO EXISTING. SEE SPECIFICATION SECTION 41 22 13.50 FOR LOADING INFORMATION. FOR EXISTING DAVIT CRANE BASE, SEE S501
2. PROVIDE FIREHOSE CONNECTION ON EACH END OF 2" SW SIMILAR TO EXISTING SHOWN IN PHOTO 1 ON THIS PAGE.

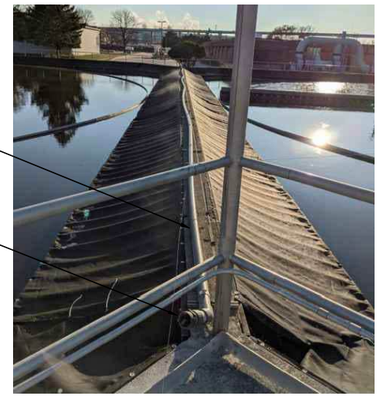
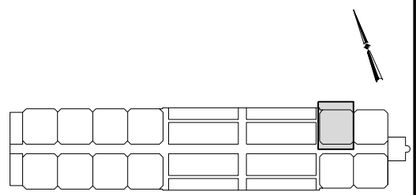


PHOTO 1

NTS



KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	HLF	NWC	07/31/23
2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	110MP1.DWG
Project No.	13998
Project Date	JULY 2023

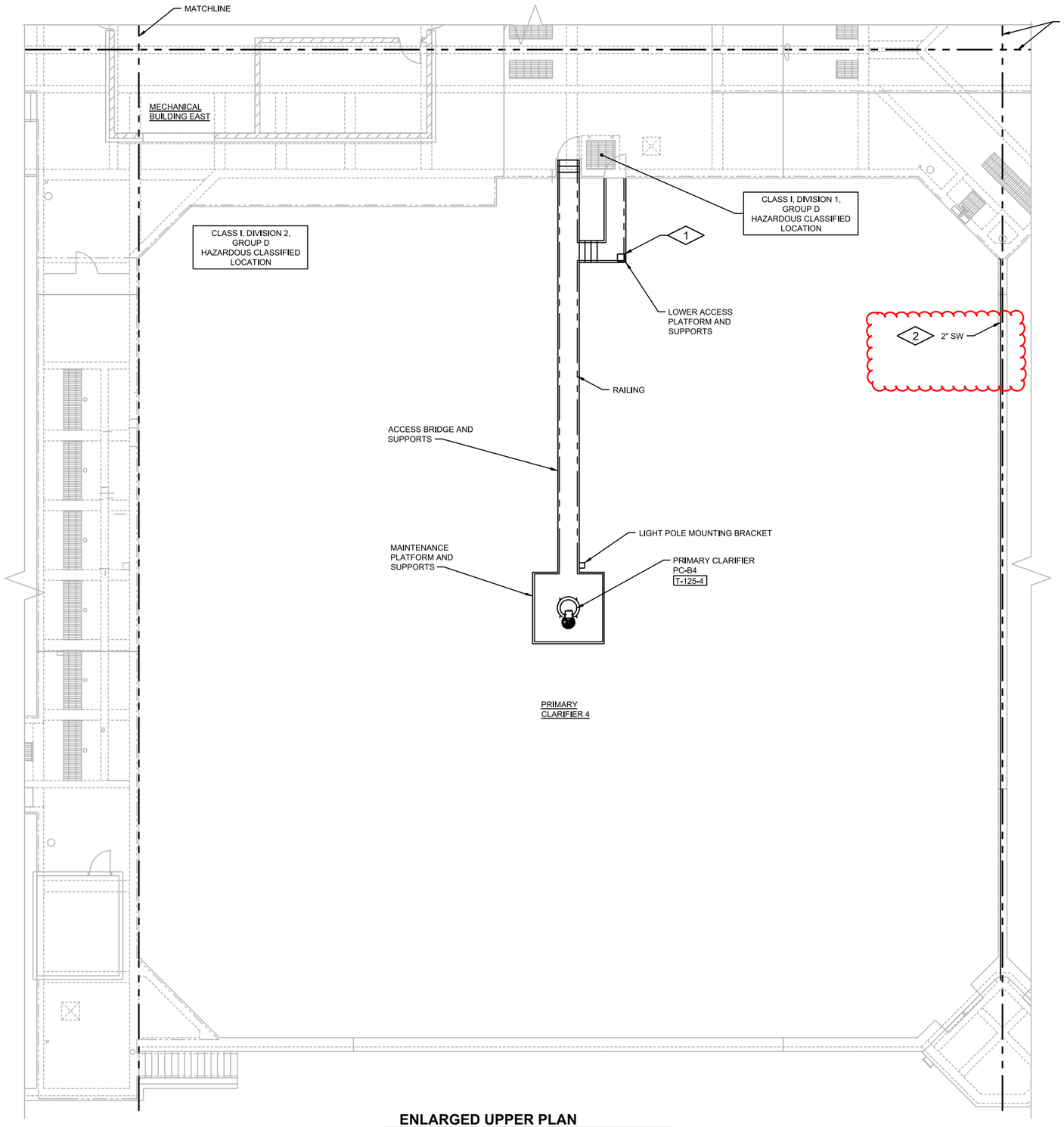
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

PRIMARY CLARIFIERS
ENLARGED PLAN

DONOHUE

Sheet No. 77

Drawing No. 110-M-13



ENLARGED UPPER PLAN

0 1' 8'

GENERAL NOTES:

1. REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
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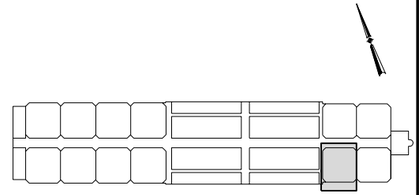
3. NOT ALL PIPES, FITTINGS, VALVES, AND EQUIPMENT SHOWN FOR CLARITY.

PLAN NOTES:

1. PROVIDE SOCKET DAVIT CRANE BASE ATTACHED TO CLARIFIER PLATFORM SIMILAR TO EXISTING. SEE SPECIFICATION SECTION 41 22 13.50 FOR LOADING INFORMATION. FOR EXISTING DAVIT CRANE BASE, SEE S501
2. PROVIDE FIREHOSE CONNECTION ON EACH END OF 2" SW SIMILAR TO EXISTING SHOWN IN PHOTO 1 ON 110-M-13.



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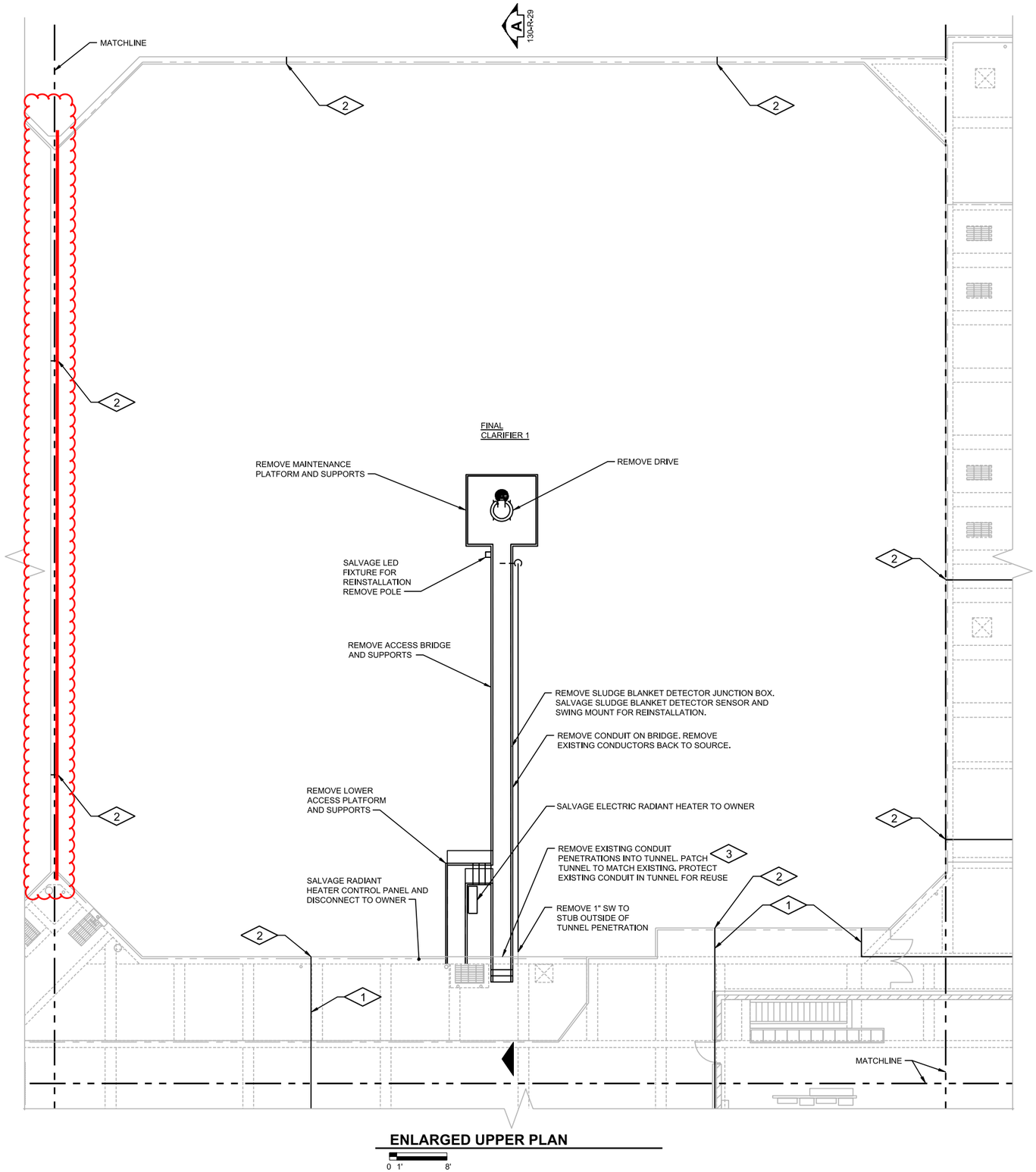
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

PRIMARY CLARIFIERS
ENLARGED PLAN

DONOHUE

Sheet No. 79

Drawing No. 110-M-15



ENLARGED UPPER PLAN

0 1' 8'

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
2. FULL TONE COMPONENTS TO BE REMOVED.
3. SAWCUT AND REMOVE CONCRETE TO THE LIMITS NOTED. IN EXPOSED AREAS NOT COVERED BY NEW CONSTRUCTION, REMOVE REINFORCEMENT AND EMBEDMENTS 1" BEYOND FINISHED SURFACE AND PATCH SURFACE WITH PATCHING MORTAR TO MATCH ADJACENT FINISHED SURFACE.
4. REMOVE CONCRETE ANCHORS, ANCHOR BOLTS, AND OTHER EMBEDMENTS FOR MATERIALS AND EQUIPMENT BEING REMOVED. IN EXPOSED AREAS NOT COVERED BY NEW CONSTRUCTION, REMOVE CONCRETE ANCHORS, ANCHOR BOLTS, AND OTHER EMBEDMENTS 1" BEYOND FINISHED SURFACE AND PATCH SURFACE WITH PATCHING MORTAR. FINISH SURFACE TO MATCH ADJACENT FINISHED SURFACE.
5. WHERE EQUIPMENT IS INDICATED TO BE REMOVED, REMOVE ALL ASSOCIATED POWER AND CONTROL WIRING AND CONDUIT BACK TO SOURCE. REMOVE JUNCTION BOXES AND PULL BOXES ASSOCIATED WITH THE REMOVED CONDUITS. WHERE CONDUIT SYSTEM CONTAINS CIRCUITS TO OTHER EQUIPMENT THAT REMAINS, RETAIN THESE CIRCUITS AND RELOCATE EXISTING CONDUIT AND EXTEND EXISTING CIRCUITS AS REQUIRED FOR THE INSTALLATION OF NEW EQUIPMENT.
6. REMOVE ALL SUPPORTS ASSOCIATED WITH REMOVED PIPING, DUCTWORK, CONDUIT, AND EQUIPMENT. REMOVE RODS AND FASTENERS FROM CEILINGS, FLOORS, AND WALLS WITH CARE. WHERE SURFACE HAS BEEN MARRED, CHIPPED, SPAWLED, ETC. AS A RESULT OF REMOVAL, PATCH SURFACE WITH PATCHING MORTAR AND FINISH TO MATCH ADJACENT FINISHED SURFACE.
7. REMOVE EXISTING CONCRETE PADS OF ANY EQUIPMENT BEING REMOVED. REMOVE CONCRETE REINFORCEMENT A MINIMUM OF 1" BEYOND FINISHED SURFACE AT ANY LOCATION WHERE NEW CONCRETE PAD WILL NOT COVER ROUGH SURFACE OF REMOVED PAD. PATCH SURFACE WITH PATCHING MORTAR AND FINISH TO MATCH ADJACENT FINISHED SURFACE.
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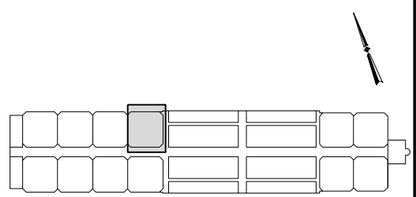
9. NOT ALL PIPES, FITTINGS, VALVES, AND EQUIPMENT SHOWN FOR CLARITY.
10. SEE 130-S DRAWINGS FOR MISCELLANEOUS CONCRETE REMOVALS REQUIRED FOR CONCRETE RESTORATION.

PLAN NOTES:

1. REMOVE EXPANSION JOINT MATERIAL IN TOP DECK SLAB AS REQUIRED FOR INSTALLATION OF NEW JOINT MATERIAL.
2. REMOVE EXPANSION JOINT MATERIAL IN FINAL CLARIFIER INTERIOR TANK WALLS AS REQUIRED FOR INSTALLATION OF NEW JOINT MATERIAL.
3. TYPICAL FOR ALL CONDUIT AND EQUIPMENT ON CLARIFIER BRIDGE AND PLATFORM.



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2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

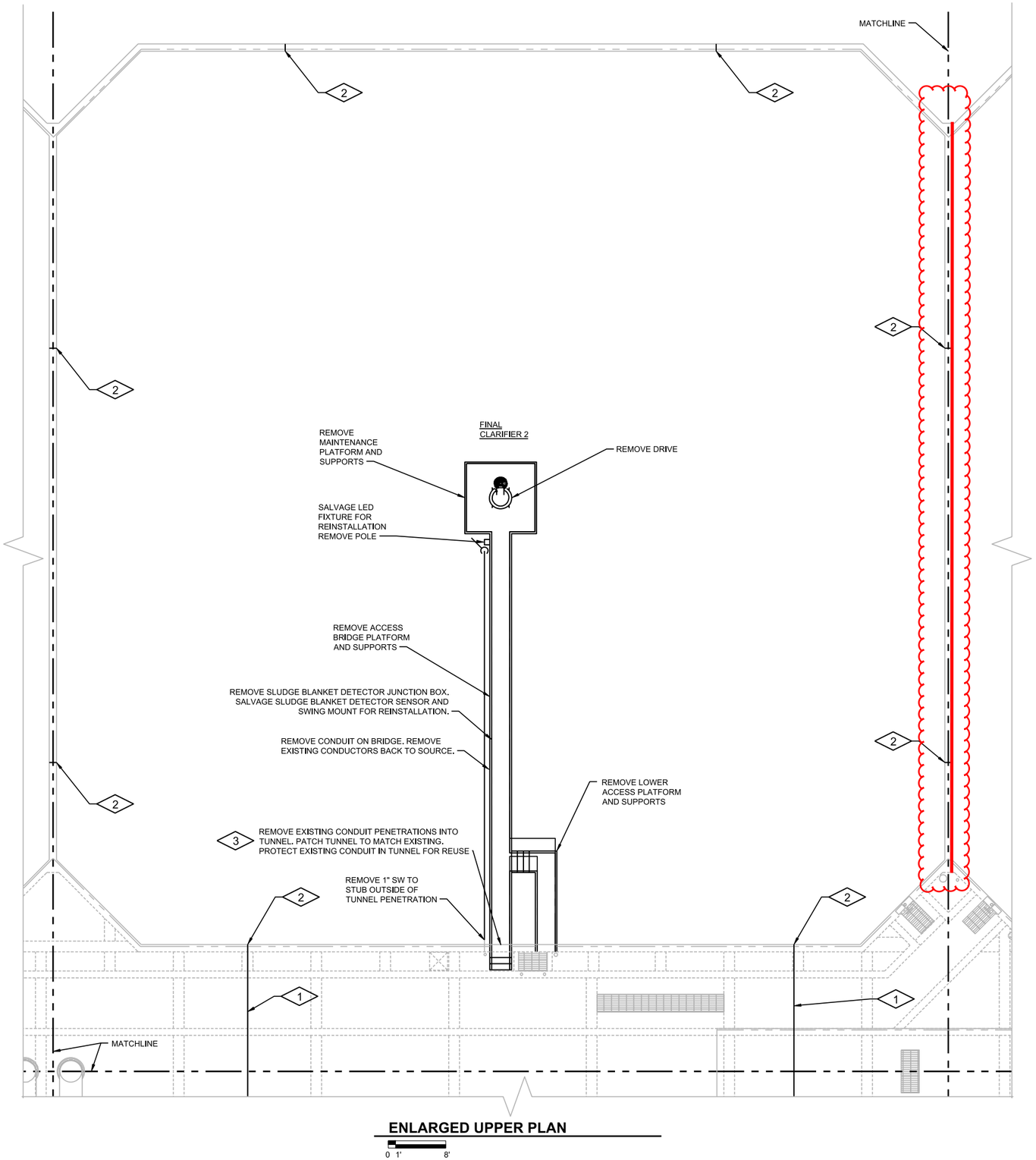
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 119

Drawing No. 130-R-20



ENLARGED UPPER PLAN

0 1' 8'

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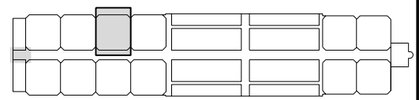

KEY PLAN

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2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

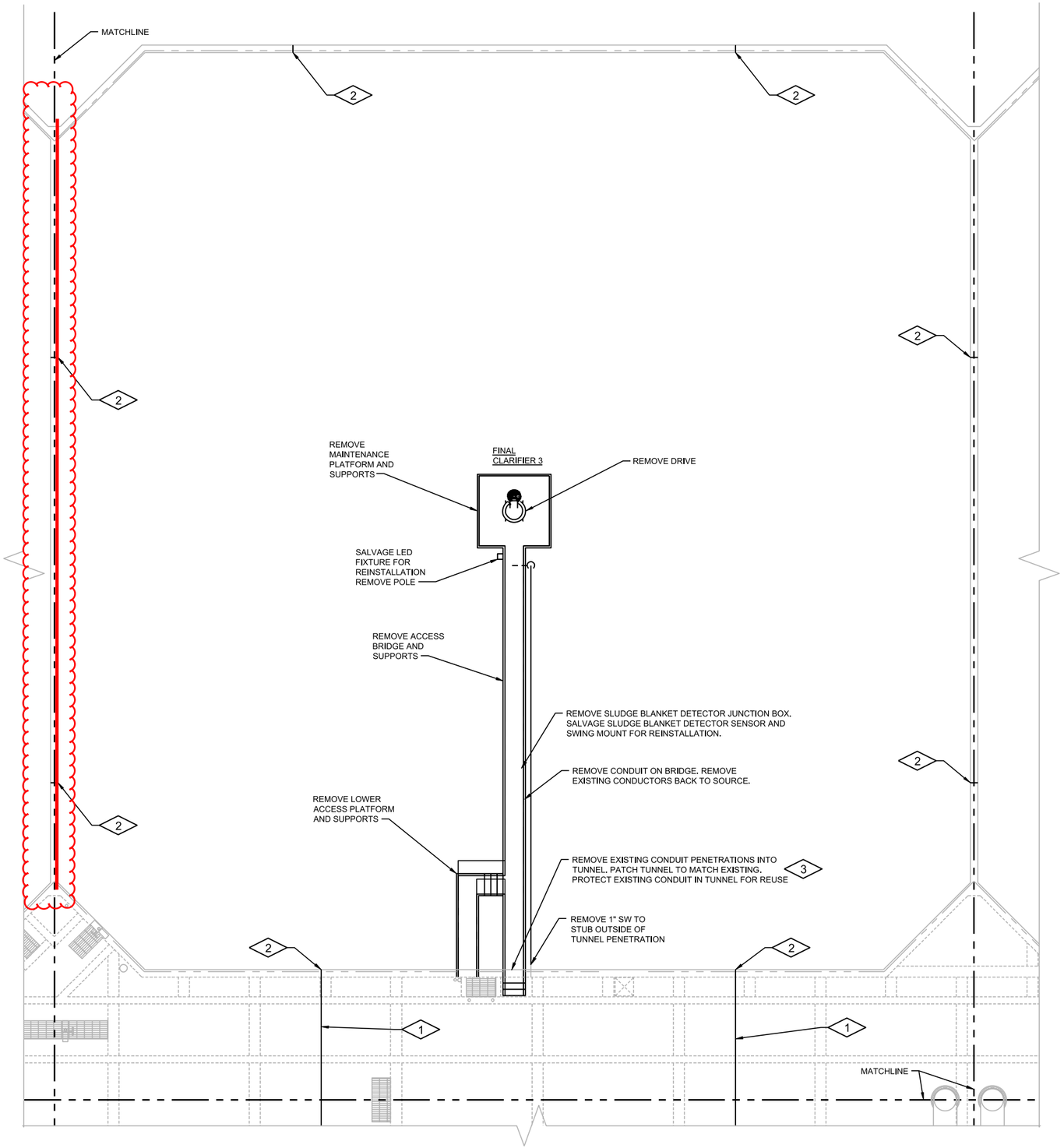
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 120

Drawing No. 130-R-21



ENLARGED UPPER PLAN

0 1' 8'

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10. SEE 130-S DRAWINGS FOR MISCELLANEOUS CONCRETE REMOVALS REQUIRED FOR CONCRETE RESTORATION.

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1. REMOVE EXPANSION JOINT MATERIAL IN TOP DECK SLAB AS REQUIRED FOR INSTALLATION OF NEW JOINT MATERIAL.
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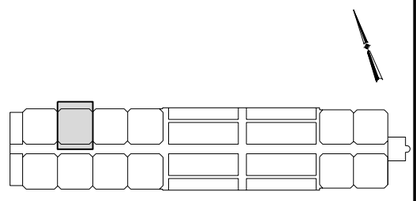


KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	HLF	NWC	07/31/23
2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

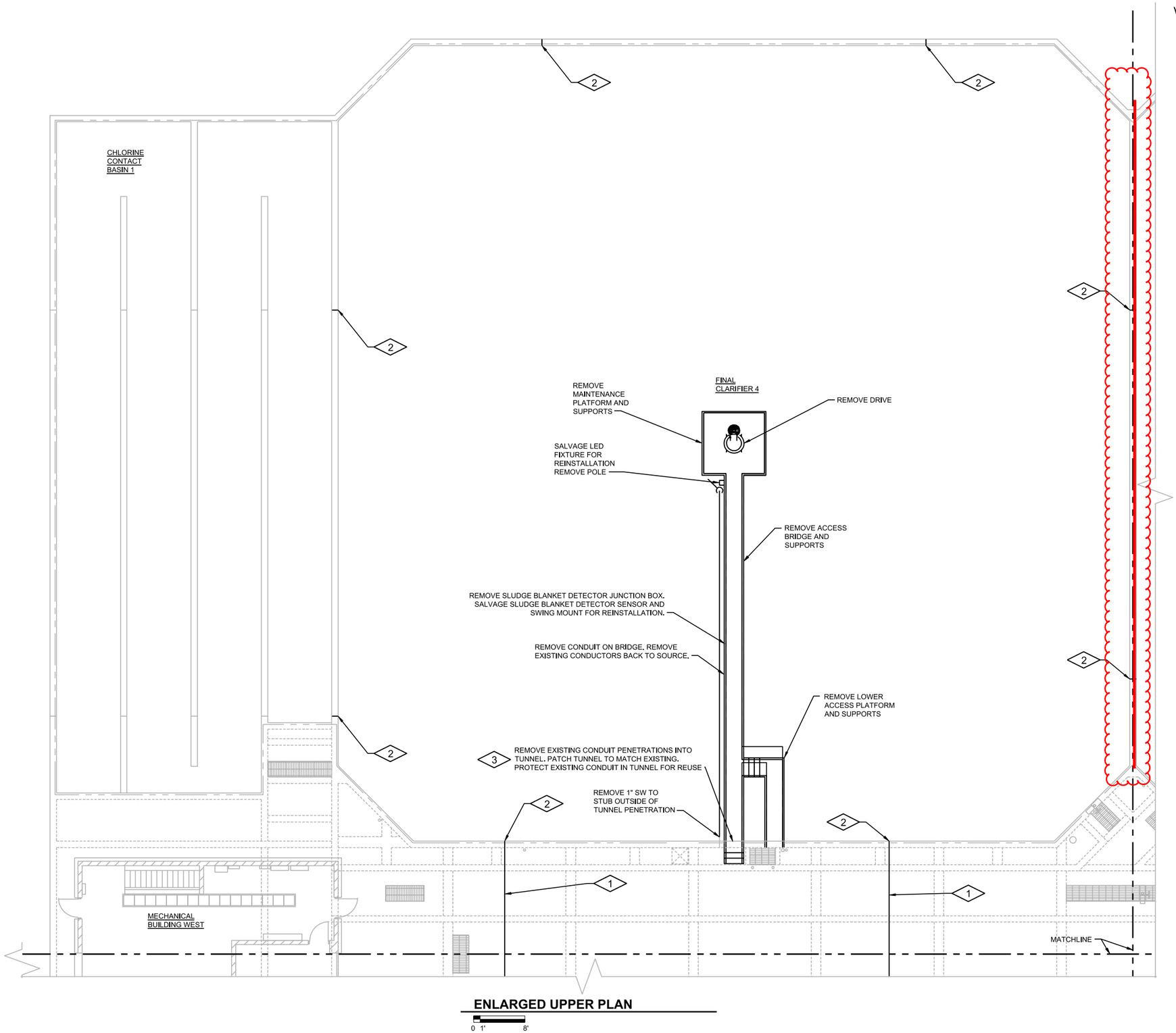
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 121

Drawing No. 130-R-22



ENLARGED UPPER PLAN

0 1" 8'

GENERAL NOTES:

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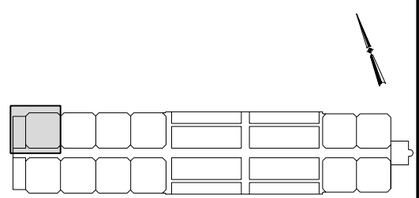

KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
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2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

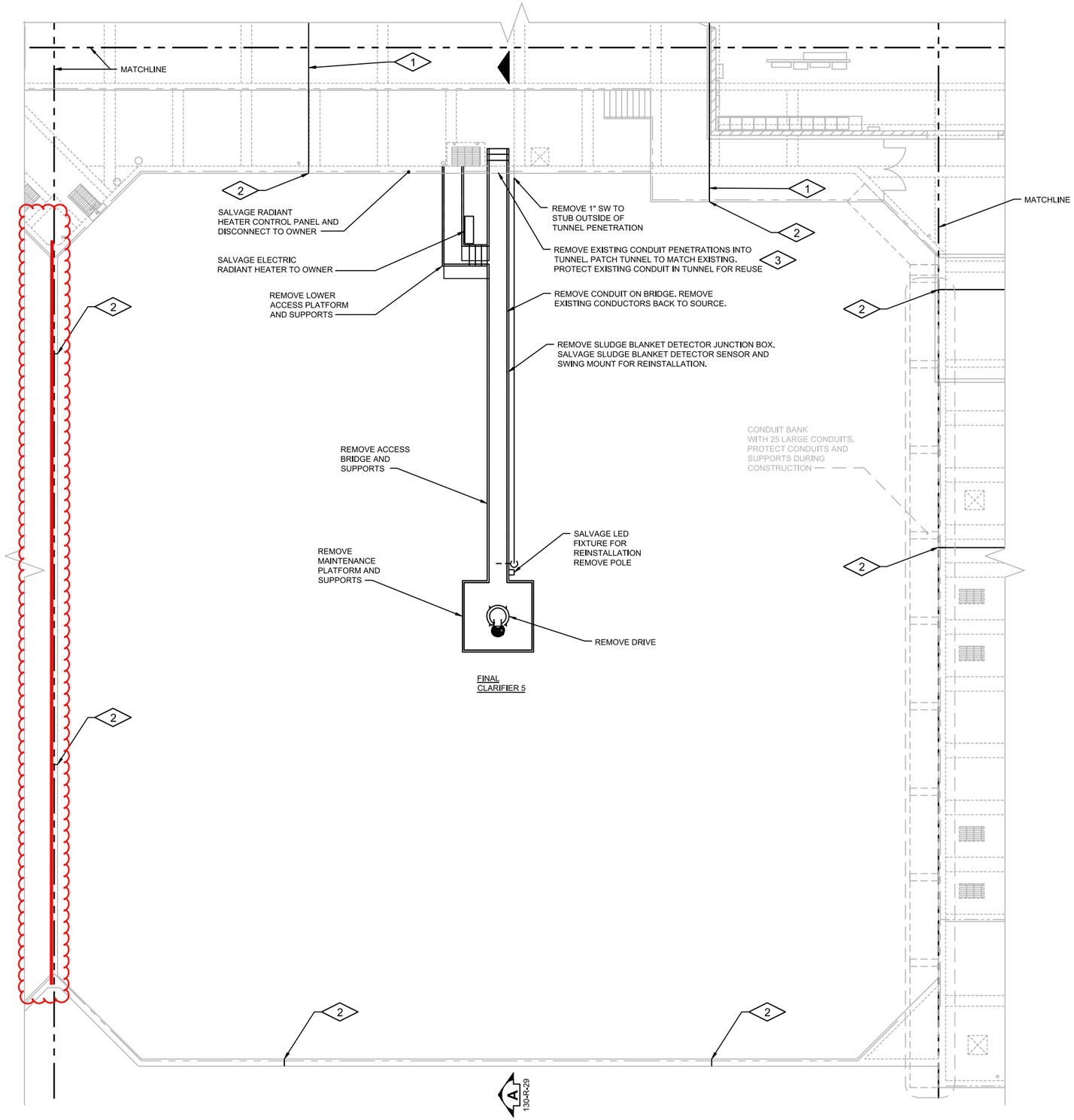
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 122

Drawing No. 130-R-23



ENLARGED UPPER PLAN

0 1' 8'

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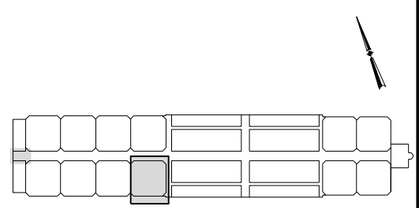


KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	HLF	NWC	07/31/23
2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

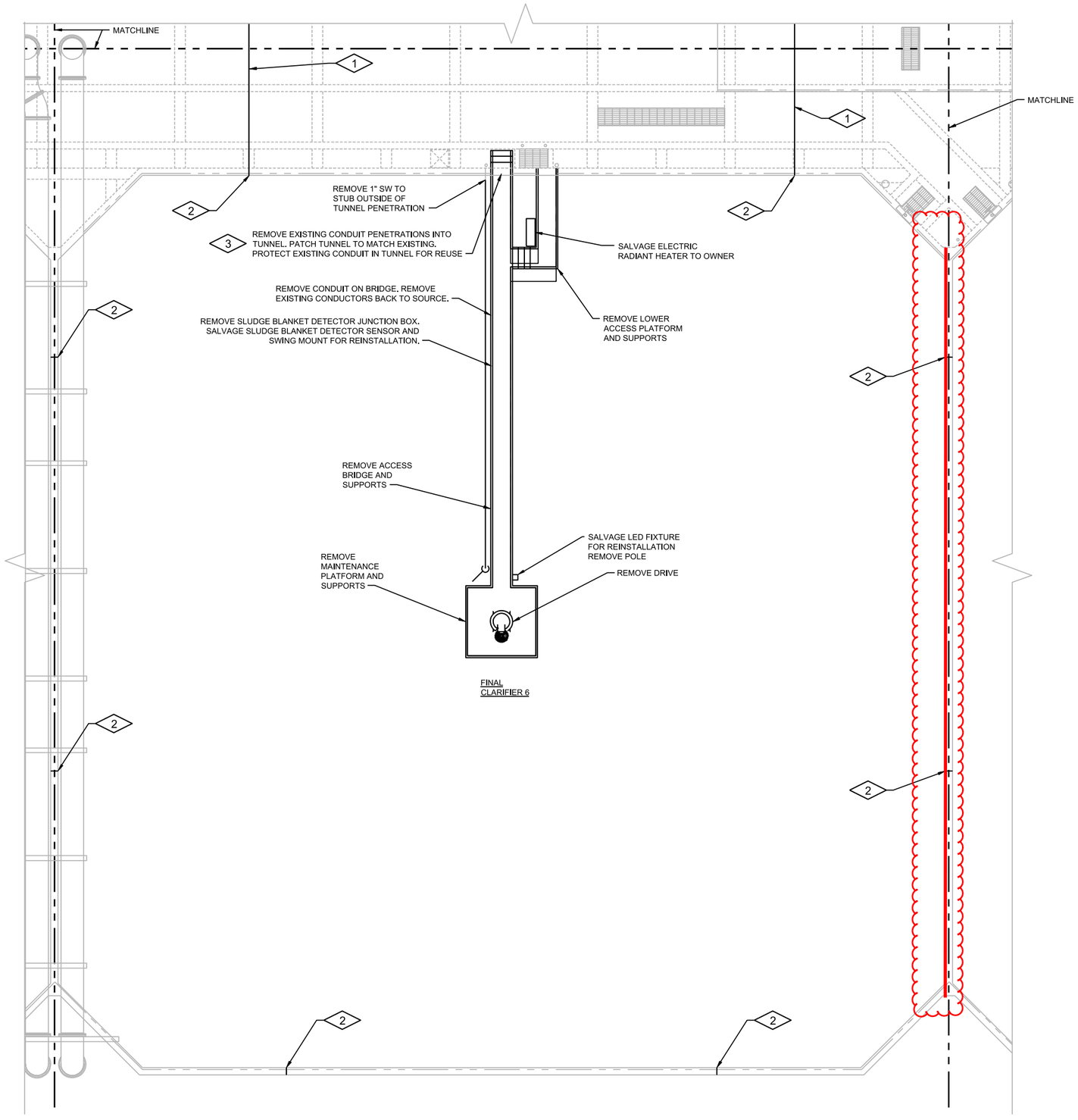
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 123

Drawing No. 130-R-24



ENLARGED UPPER PLAN

0 1' 8'

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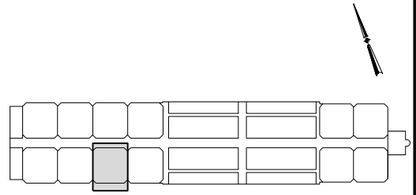


KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	HLF	NWC	07/31/23
2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

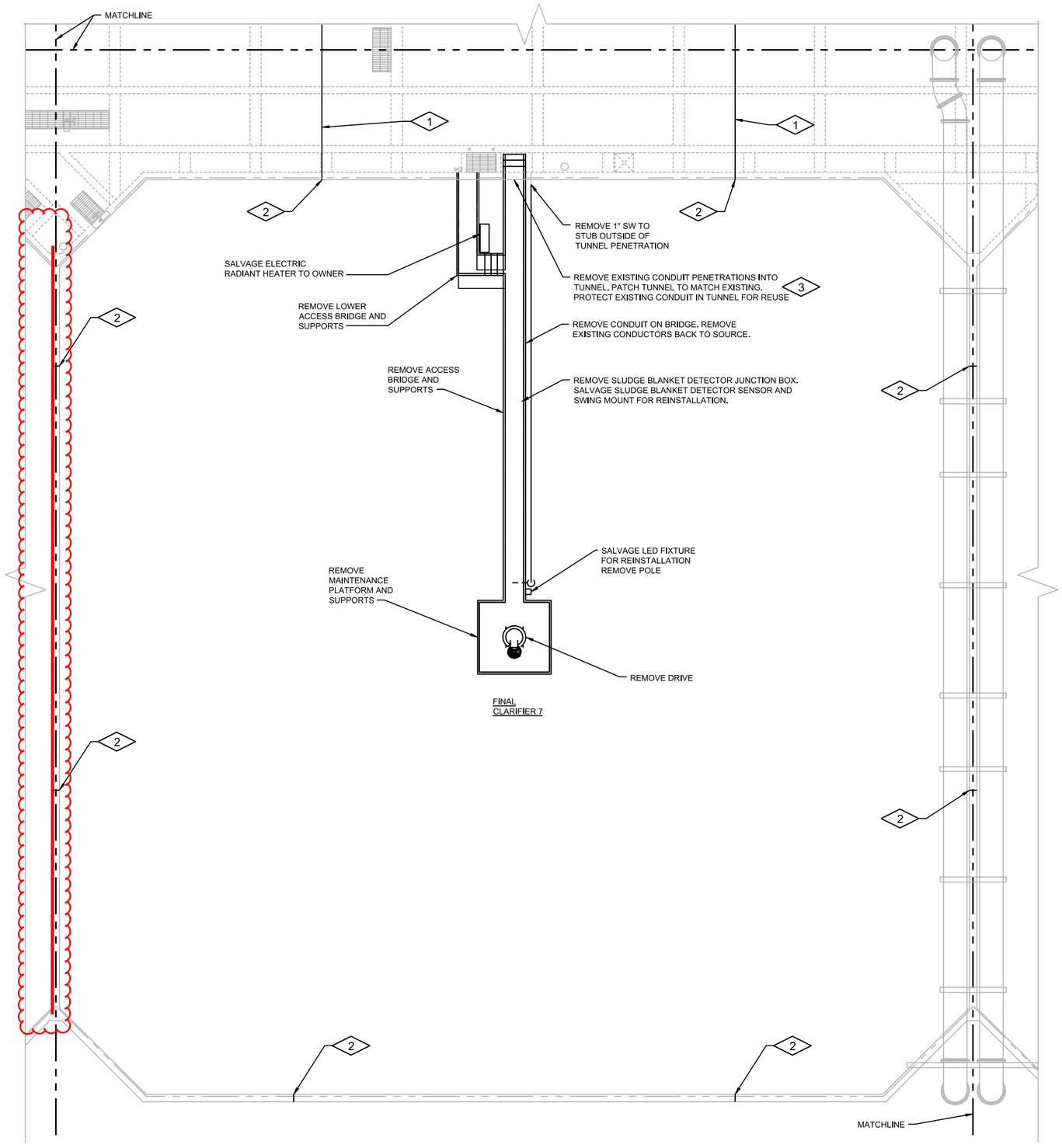
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 124

Drawing No. 130-R-25



ENLARGED UPPER PLAN

0 1' 8'

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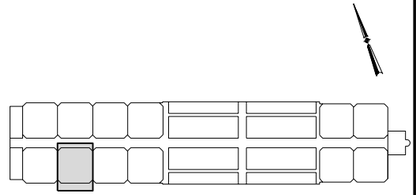

KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
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2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
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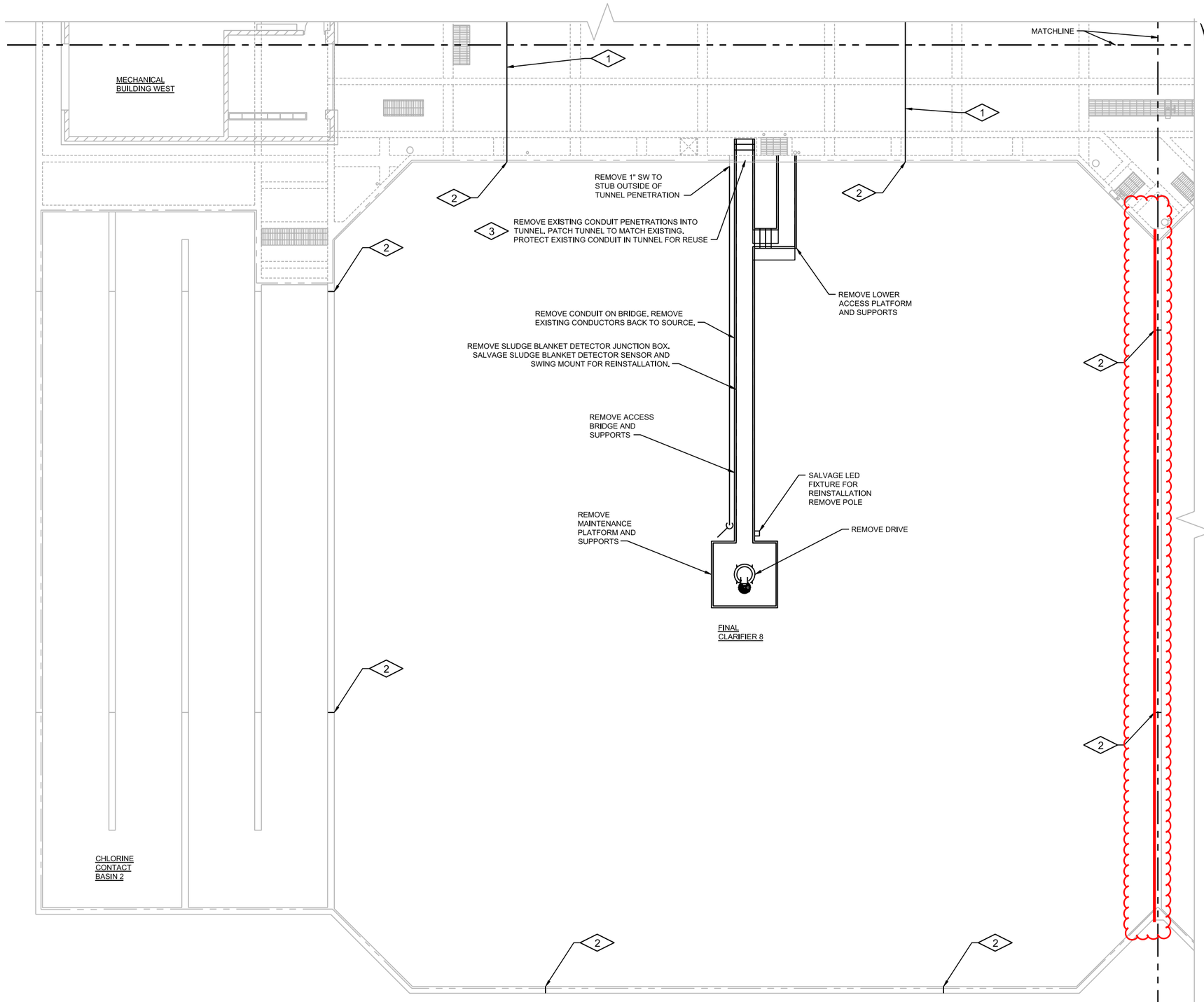
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 125

Drawing No. 130-R-26



ENLARGED UPPER PLAN

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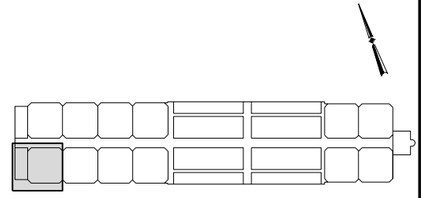
6. REMOVE ALL SUPPORTS ASSOCIATED WITH REMOVED PIPING, DUCTWORK, CONDUIT, AND EQUIPMENT. REMOVE RODS AND FASTENERS FROM CEILINGS, FLOORS, AND WALLS WITH CARE. WHERE SURFACE HAS BEEN MARRED, CHIPPED, SPAWLED, ETC. AS A RESULT OF REMOVAL, PATCH SURFACE WITH PATCHING MORTAR AND FINISH TO MATCH ADJACENT FINISHED SURFACE.
7. REMOVE EXISTING CONCRETE PADS OF ANY EQUIPMENT BEING REMOVED. REMOVE CONCRETE REINFORCEMENT A MINIMUM OF 1" BEYOND FINISHED SURFACE AT ANY LOCATION WHERE NEW CONCRETE PAD WILL NOT COVER ROUGH SURFACE OF REMOVED PAD. PATCH SURFACE WITH PATCHING MORTAR AND FINISH TO MATCH ADJACENT FINISHED SURFACE.
8. WHERE OPENINGS ARE LEFT IN WALLS, SLABS, OR CEILINGS DUE TO REMOVED PIPING, DUCTWORK, EQUIPMENT, OR OTHER WORK, PATCH OPENING TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE. THE PERIMETER OF OPENINGS IN CONCRETE WALLS AND SLABS EXPOSED TO EARTH, WEATHER, OR WATER SHALL BE LINED WITH A GASKET TYPE WATERSTOP PRIOR TO PATCHING OF THE WALL. OPENINGS IN PRECAST CONCRETE ROOF MEMBERS ARE TO BE PATCHED WITH CONCRETE AND DOWELED TO THE EXISTING ROOF MEMBERS UNLESS NOTED OTHERWISE. ROOFING SYSTEM SHALL BE PATCHED TO PREVENT ANY LEAKING AT THE OPENING.
9. NOT ALL PIPES, FITTINGS, VALVES, AND EQUIPMENT SHOWN FOR CLARITY.
10. SEE 130-S DRAWINGS FOR MISCELLANEOUS CONCRETE REMOVALS REQUIRED FOR CONCRETE RESTORATION.

PLAN NOTES:

1. REMOVE EXPANSION JOINT MATERIAL IN TOP DECK SLAB AS REQUIRED FOR INSTALLATION OF NEW JOINT MATERIAL.
2. REMOVE EXPANSION JOINT MATERIAL IN FINAL CLARIFIER INTERIOR TANK WALLS AS REQUIRED FOR INSTALLATION OF NEW JOINT MATERIAL.
3. TYPICAL FOR ALL CONDUIT AND EQUIPMENT ON CLARIFIER BRIDGE AND PLATFORM.



KEY PLAN

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	HLF	NWC	07/31/23
2	RFP 009	AFH	AF	02/05/25

Designed By	MJS/HLF
Drawn By	MJS/HLF
Checked By	RMH
Approved By	NWC
Filename	130RP1.DWG
Project No.	13998
Project Date	JULY 2023

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY FACILITY
NORTH PLANT CLARIFIER REHABILITATION
GREEN BAY, WISCONSIN

FINAL CLARIFIERS
REMOVAL PLAN

DONOHUE

Sheet No. 126

Drawing No. 130-R-27

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 3/7/2025
Lunda Job No.: 16099600

TO:
Bob Brown
NEW Water
2231 N. Quincy St
Green Bay, WI 54302

GBMSD Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 24 - RFP 009 Final Clarifier Flushing Connections

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	-
Total Labor Expense*	$	-
Total Equipment Expense	$	-
Total Subcontract Expense	$	27,153.00
Subtotal	$	27,153.00
Bond 0.70 % of $ 27,153.00	$	190.07
Total (Computation Sheets Attached)	$	27,343.07

It is anticipated that this work will require a time extension of 0 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		

AUTHORIZED BY:
FIELD PREPARED:

WORK DONE BY/FOR
CONTRACTOR:
OWNER:
SUBCONTRACTOR:
INTERNAL NO.

LABOR

EMPLOYEE NAME	CRAFT	TYPE	MON	TUE	WED	THU	FRI	SAT	SUN	TOTAL	RATE	EXTENSION
		REG								0.00		$ -
		OT								0.00		$ -
		DT								0.00		$ -
		REG								0.00		$ -
		OT								0.00		$ -
		DT								0.00		$ -
		REG								0.00		$ -
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		DT								0.00		$ -
		REG								0.00		$ -
		OT								0.00		$ -
		DT								0.00		$ -

Labor Subtotal	$ -
Contractors Fee 15%	$0.00
TOTAL LABOR CHARGES *	$ -

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
EQUIPMENT & 3RD PARTY RENTAL:			
		Equipment Subtotal	$ -
MATERIAL:			
		Material Subtotal	$ -
		Contractors Fee 15%	$ -
SUBCONTRACTOR:			
August Winters & Sons			$ 25,860.00
		Subcontractor Subtotal	$ 25,860.00
		Contractors Fee 5%	$ 1,293.00
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 27,153.00

LABOR CHARGES (Page 1)	$ -
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 27,153.00
TOTAL BILLING	**$ 27,153.00**

AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR
www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

March 3, 2025

5

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: GBMSD North clarifier rehab/ 74623
Description: RFP-009 Final clarifier flushing connections

Our change order price and breakdown follows:

August Winter

Material		$	4,532
Labor**	132 hrs	$	13,935
Direct Costs		$	1,533
Equipment Rental		$	2,408
Indirect Costs		$	79
Subtotal		$	22,487
Overhead		$	3,373
Total		**$**	**25,860**

Subcontracts

Total Subcontractor Costs	$	-
Subcontractor Markup	$	-
Total Subcontractor Costs w/overhead	**$**	**-**
Total AWS/Subcontractor Costs	$	25,860
Profit/Bond	$	-

Change Order Total..... $ 25,860

Time extension required is **0** days. This quotation based upon acceptance within **30** days.

** Labor rate may include multiple trades with straight and premium time.

Jason Knops

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

August Winter Sons, Inc.
Change Order/Small Projects Report

Project/Job#: GBMSD North clarifier rehab/ 74623 **Date: 3/3/2025**

Description: RFP-009 Final clarifier flushing connections

Change Order #: 5

MATERIAL						
Material Credit	.....			$ (1380.00)		
Material ADD	.....			$ 5,912.00		
Sales Tax	0.0%			$ -		
					Material Subtotal	$ 4,532
LABOR						
General Foreman Hours	0.0	@	$ -	$ -		
Foreman Hours	23.0	@	$ 108.87	$ 2,504.01		
Field Plumber/Fitter Hours - REG	109.0	@	$ 104.87	$ 11,430.83		
Field Plumber/Fitter Hours - OT	0.0	@	$ -	$ -		
Field Tinner Hours - REG	0.0	@	$ -	$ -		
Field Tinner Hours - OT	0.0	@	$ -	$ -		
Shop fab Hours	0.0	@	$ 104.87	$ -		
Operator Hours	0.0	@	$ -	$ -		
					Labor Subtotal	$ 13,935
DIRECT COSTS						
Insurance	0.0% of Labor			$ -		
Trucking	5.0% of Labor			$ 696.74		
Testing & Cleaning	6.0% of Labor			$ 836.09		
Balance Air/Water	0.0% of Labor			$ -		
Tools & Expendables	0.0% of Labor			$ -		
Shop Equipment Charge	$ 15.00 per shop hour			$ -		
Subsistence				$ -		
					Subtotal	$ 1,533
Equipment Rental	boom lift 3.5	Weeks @	$ 688.00	$ 2,408.00		
	0.0	@	$ -	$ -		
	0.0	@	$ -	$ -		
	0.0	@	$ -	$ -		
	0.0	@	$ -	$ -		
	0.0	@	$ -	$ -	Subtotal	$ 2,408
Indirect Costs				Indirect Costs Total		$ 79
				Total Contractor Costs		$ 22,487
				Overhead	15.0%	$ 3,373
				Subtotal Contractor Costs		$ 25,860
SUBCONTRACTS						
	.....		$ -			
	.....		$ -			
	.....		$ -			
	.....		$ -			
				Total Subcontractor Costs		$ -
NOTE: This change order does not address impact costs on base contract.				Overhead	5.0%	$ -
				Subtotal Subcontractors Costs		$ -
				Total Contractor/Subcontractor Costs		$ 25,860
				Profit	0.0%	$ -
				Bond	0.0%	$ -
				Total Amount Of Change		**$ 25,860**

Time extension required is 0 days. This quotation based upon acceptance within 30 days.

Exclusions:

NOTE: This change order does not address impact costs on base contract.

Primary Labor

Company: August Winter & Sons Inc.
JobName: GBMSD North Plant Clarifier - 74623 - RFP 009 []
Material Set: Ferguson
Labor Set: Full MCAA (MCAA)
Run Date: 02-24-2025 @ 13:46:57
Sort Key: By Zone/LaborCode

ALL

NOTE:
List Total is before Noah's finalized multipliers and quote pricing

Zone	Labor Code	Description	Items Qty/Ft	Job Fact	Labor Total	Final Labor	2-Man Days	Subtotal TMD	Subtotal Hours
Deduct - SW- Enlarged Upper Plan- 110-M-13	2052-0	PIPE PVC80 4in & Dn	-101	1.00	-7.1	-7.1	-0.4		
Deduct - SW- Enlarged Upper Plan- 110-M-13	2052-1	FTGS PVC80 4in & Dn	-9	1.00	-3.1	-3.1	-0.2		
Deduct - SW- Enlarged Upper Plan- 110-M-13	3390-0	Valves Specialties	-2	1.00	-2.5	-2.5	-0.2		
Deduct - SW- Enlarged Upper Plan- 110-M-13	3400-0	*****MISC*****	-18	1.00	0.0	0.0	0.0		
Deduct - SW- Enlarged Upper Plan- 110-M-13	3401-0	Hangers	-25	1.00	-23.3	-23.3	-1.5	-2.3	-36.0
Deduct - SW- Enlarged Upper Plan- 110-M-15	2052-0	PIPE PVC80 4in & Dn	-100	1.00	-7.1	-7.1	-0.4		
Deduct - SW- Enlarged Upper Plan- 110-M-15	2052-1	FTGS PVC80 4in & Dn	-8	1.00	-2.9	-2.9	-0.2		
Deduct - SW- Enlarged Upper Plan- 110-M-15	3390-0	Valves Specialties	-2	1.00	-2.5	-2.5	-0.2		
Deduct - SW- Enlarged Upper Plan- 110-M-15	3400-0	*****MISC*****	-16	1.00	0.0	0.0	0.0		
Deduct - SW- Enlarged Upper Plan- 110-M-15	3401-0	Hangers	-25	1.00	-23.3	-23.3	-1.5	-2.2	-35.7
ADD - SW- Final Clarifiers	2052-0	PIPE PVC80 4in & Dn	413	1.00	28.9	34.7	2.2		
ADD - SW- Final Clarifiers	2052-1	FTGS PVC80 4in & Dn	44	1.00	18.5	22.2	1.4		
ADD - SW- Final Clarifiers	3390-0	Valves Specialties	8	1.00	16.1	19.3	1.2		
ADD - SW- Final Clarifiers	3400-0	*****MISC*****	88	1.00	0.0	0.0	0.0		
ADD - SW- Final Clarifiers	3401-0	Hangers	108	1.00	106.9	128.3	8.0	12.8	204.5
TOTALS:			**355**		**98.7**	**132.8**	**8.3**	8.3	132.8

Company: August Winter & Sons Inc.

JobName: GBMSD North Plant Clarifier - 74623 - RFP 009 []
Material Set: Ferguson
Labor Set: Full MCAA (MCAA)
Run Date: 02-24-2025 @ 13:46:57
Sort Key: By Zone

Zone	Qty	Size	Description	Matl Group	List Price	Unit Price	Price Total
ADD - SW- Final Clarifiers	412.99	2 1/2	Sch 80 PVC PE Pipe	pvc80p	$ 5	$ 5	$ 1,989
	16	2 1/2	PVC Sch 80 45 Ell	pvc80m	$ 129	$ 25	$ 401
	20	2 1/2	PVC Sch 80 Coupling	pvc80m	$ 79	$ 15	$ 310
	8	2 1/2	PVC Sch 80 Female Adapter	pvc80m	$ 148	$ 29	$ 230
	8	2 1/2	Female Iron Pipe Thread Joints	misc	$ -	$ -	$ -
	80	2 1/2	Solvent Weld Joints	misc	$ 0	$ 0	$ 32
	8	3	Brass FPT x Female Camlock ^ :~2.5 inch	misc	$ 155	$ 155	$ 1,240
	108	2 1/2	Plain Standard Clevis Hanger	hangr2	$ 8	$ 16	$ 1,711
ADD - SW- Final Clarifiers	**660.99**	**(SUBTOTAL)**					**$ 5,912**
Deduct - SW- Enlarged Upper Plan- 110-M-13	-101	2	Sch 80 PVC PE Pipe	pvc80p	$ 3	$ 3	$ (298)
	-2	2	PVC Sch 80 45 Ell	pvc80m	$ 61	$ 12	$ (24)
	-5	2	PVC Sch 80 Coupling	pvc80m	$ 32	$ 6	$ (31)
	-2	2	PVC Sch 80 Male Adapter	pvc80m	$ 71	$ 14	$ (28)
	-2	2	Male Iron Pipe Thread Joints	misc	$ 0	$ 0	$ (0)
	-16	2	Solvent Weld Joints	misc	$ 0	$ 0	$ (5)
	-2	2	Stainless FPT x Female Camlock	misc	$ 79	$ 79	$ (158)
	-25	2	Plain Standard Clevis Hanger	hangr2	$ 3	$ 6	$ (150)
Deduct - SW- Enlarged Upper Plan- 110-M-13	**-155**	**(SUBTOTAL)**					**$ (695)**
Deduct - SW- Enlarged Upper Plan- 110-M-15	-100	2	Sch 80 PVC PE Pipe	pvc80p	$ 3	$ 3	$ (295)
	-2	2	PVC Sch 80 45 Ell	pvc80m	$ 61	$ 12	$ (24)
	-4	2	PVC Sch 80 Coupling	pvc80m	$ 32	$ 6	$ (25)
	-2	2	PVC Sch 80 Male Adapter	pvc80m	$ 71	$ 14	$ (28)
	-2	2	Male Iron Pipe Thread Joints	misc	$ 0	$ 0	$ (0)
	-14	2	Solvent Weld Joints	misc	$ 0	$ 0	$ (5)
	-2	2	Stainless FPT x Female Camlock	misc	$ 79	$ 79	$ (158)
	-25	2	Plain Standard Clevis Hanger	hangr2	$ 3	$ 6	$ (150)
Deduct - SW- Enlarged Upper Plan- 110-M-15	**-151**	**(SUBTOTAL)**					**$ (685)**
	354.99	**(TOTAL)**					**$ 4,533**

APPENDIX 5

WORK CHANGE DIRECTIVE NO. 024

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 3, 2025	Effective Date of Work Change Directive:	June 3, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Final Clarifier 1 - Repair clarifier walls where Scum Baffle concrete support beams attached to the walls were removed. There are a total of eight patches in the clarifier affected by this Work Change Directive.

The efforts required to repair the walls, where the Scum Baffle concrete support beams were attached, are above and beyond what was anticipated by the Contractor at the time of the Bid; to simply skim over the surface with patching mortar where the beam was chipped back to the wall.

The Scum Baffle support beams are locked into the clarifier walls with a steel plate that was grouted into a wall cavity. Unfortunately, it is an unforeseen condition the way in which the concrete infill was placed to lock the beam into the wall cavity. Within the cavity voids were found, some larger than others, and at times unconsolidated concrete which needed to be removed. The remaining void cannot simply be skimmed over to repair because of its depth. After prepping the area, it requires the Contractor to place a form with a birds mouth over the area of the wall cavity, pour in grout fill, remove the form, grind off the birds mouth, smooth the edges of the infill, and fill in the form work anchor holes.

In the attached cost proposal, the Contractor provided a credit for labor and materials of what was anticipated during the time of Bid to patch the walls where the Scum Baffle concrete support beams were removed. Time was recorded by the Contractor for actual efforts to prepare and pour in a patch, as well as the cost of materials used in the repair process.

Please note, in the interest of the Project, the noted repairs to this clarifier, as well as Final Clarifier 6 addressed in a separate Work Change Directive, were made prior to written authorization. From this point forward, Time and Materials Work Change Directives will be prepared in which the RPR will sign timesheets at the end of day in which work associated with the WCD is performed. Those time sheets along with this WCD will be included when work is completed and applied to a change order.

Attachments:

Contractor's cost proposal

Purpose for the Work Change Directive:

This Work is the result of an unforeseen condition. The end of each Scum Baffle concrete support beam, one located in each corner of the clarifier, has a steel end plate that was cast into a cavity in the clarifier wall to lock it into the wall. When the beam was removed, voids and unconsolidated concrete were discovered, requiring more repair efforts than simply a patching mortar.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $8,217.43 **increase**

Contract Time: 0 days **No Change**

Basis of estimated change in Contract Price:

☐ Lump Sum ☐ Unit Price ☑Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert J Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 3, 2025	6/5/25

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 3/25/2025
Lunda Job No.: 16099600

TO:
Bob Brown
NEW Water
2231 N. Quincy St
Green Bay, WI 54302

GBMSD Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 27 - Final Clarifier 1 Scum Baffle Support Repair

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	782.00
Total Labor Expense*	$	5,143.23
Total Equipment Expense	$	2,235.08
Total Subcontract Expense	$	-
Subtotal	$	8,160.31
Bond 0.70 % of $ 8,160.31	$	57.12
Total (Computation Sheets Attached)	$	8,217.43

It is anticipated that this work will require a time extension of 0 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		

Corbel Repair in FC1 (form and pour 8ea.)

Corbel Surface Repair Credit 8ea

AUTHORIZED BY:
FIELD PREPARED:

WORK DONE BY/FOR
CONTRACTOR:
OWNER:
SUBCONTRACTOR:
INTERNAL NO.

LABOR

EMPLOYEE NAME	CRAFT	TYPE	3/12	3/13	3/14	3/17	CR	TOTAL	RATE	EXTENSION
Superintendent		REG						0.00	$ 117.76	$ -
		OT						0.00		$ -
		DT						0.00		$ -
Foreman		REG	2.00		4.00			6.00	$ 110.92	$ 665.54
		OT						0.00		$ -
		DT						0.00		$ -
Carpenter		REG	8.00	4.00	8.00			20.00	$ 94.91	$ 1,898.30
		OT						0.00		$ -
		DT						0.00		$ -
Labor		REG						0.00	$ 82.90	$ -
		OT						0.00		$ -
		DT						0.00		$ -
Operator		REG			4.00			4.00	$ 100.97	$ 403.87
		OT						0.00		$ -
		DT						0.00		$ -
Mason		REG	8.00	8.00	5.00	8.00		29.00	$ 92.83	$ 2,692.02
		OT						0.00		$ -
		DT						0.00		$ -
Corbel Surface Repair Credit		REG	-4.00	-4.00	-4.00	-4.00		-16.00	$ 74.21	$ (1,187.36)
		OT						0.00		$ -
		DT						0.00		$ -
		REG						0.00		$ -
		OT						0.00		$ -
		DT						0.00		$ -
		REG						0.00		$ -
		OT						0.00		$ -
		DT						0.00		$ -

Labor Subtotal	$ 4,472.37
Contractors Fee 15%	$670.86
TOTAL LABOR CHARGES *	$ 5,143.23

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
EQUIPMENT & 3RD PARTY RENTAL:			
HC 110			$ 1,623.04
Pickup			$ 612.04
		Equipment Subtotal	$ 2,235.08
MATERIAL:			
Sika 211 SC Plus (40 bags)			$ 1,040.00
Sika VOH Credit (16 bags)			$ (360.00)
		Material Subtotal	$ 680.00
		Contractors Fee 15%	$ 102.00
SUBCONTRACTOR:			
		Subcontractor Subtotal	$ -
		Contractors Fee 5%	$ -
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 3,017.08

LABOR CHARGES (Page 1)	$ 5,143.23
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 3,017.08
TOTAL BILLING	**$ 8,160.31**

APPENDIX 6

WORK CHANGE DIRECTIVE NO. 025

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 3, 2025	Effective Date of Work Change Directive:	June 3, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Final Clarifier 6 - Repair clarifier walls where Scum Baffle concrete support beams attached to the walls were removed. There are a total of eight patches in the clarifier affected by this Work Change Directive.

The efforts required to repair the walls, where the Scum Baffle concrete support beams were attached, are above and beyond what was anticipated by the Contractor at the time of the Bid; to simply skim over the surface with patching mortar where the beam was chipped back to the wall.

The Scum Baffle support beams are locked into the clarifier walls with a steel plate that was grouted into a wall cavity. Unfortunately, it is an unforeseen condition the way in which the concrete infill was placed to lock the beam into the wall cavity. Within the cavity voids were found, some larger than others, and at times unconsolidated concrete which needed to be removed. The remaining void cannot simply be skimmed over to repair because of its depth. After prepping the area, it requires the Contractor to place a form with a birds mouth over the area of the wall cavity, pour in grout fill, remove the form, grind off the birds mouth, smooth the edges of the infill, and fill in the form work anchor holes.

In the attached cost proposal, the Contractor provided a credit for labor and materials of what was anticipated during the time of Bid to patch the walls where the Scum Baffle concrete support beams were removed. Time was recorded by the Contractor for actual efforts to prepare and pour in a patch, as well as the cost of materials used in the repair process.

Please note, in the interest of the Project, the noted repairs to this clarifier, as well as Final Clarifier 1 addressed in a separate Work Change Directive, were made prior to written authorization. From this point forward, Time and Materials Work Change Directives will be prepared in which the RPR will sign timesheets at the end of day in which work associated with the WCD is performed. Those time sheets along with this WCD will be included when work is completed and applied to a change order.

Attachments:

Contractor's cost proposal

Purpose for the Work Change Directive:

This Work is the result of an unforeseen condition. The end of each Scum Baffle concrete support beam, one located in each corner of the clarifier, has a steel end plate that was cast into a cavity in the clarifier wall to lock it into the wall. When the beam was removed, voids and unconsolidated concrete were discovered, requiring more repair efforts than simply a patching mortar.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $8,626.59 **increase**

Contract Time: 0 days **No Change**

Basis of estimated change in Contract Price:

☐ Lump Sum ☐ Unit Price ☑Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Victor V Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 3, 2025	6/5/25

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 5/29/2025
Lunda Job No.: 16099600

TO:
Bob Brown
NEW Water
2231 N. Quincy St
Green Bay, WI 54302

GBMSD Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 36 - Final Clarifier 6 Scum Baffle Support Repair

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	825.70
Total Labor Expense*	$	4,527.40
Total Equipment Expense	$	3,213.52
Total Subcontract Expense	$	-
Subtotal	$	8,566.62
Bond 0.70 % of $ 8,566.62	$	59.97
Total (Computation Sheets Attached)	$	8,626.59

It is anticipated that this work will require a time extension of 0 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

Corbel Repair in FC1 (form and pour 8ea.)

Corbel Surface Repair Credit 8ea

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		
AUTHORIZED BY:		
FIELD PREPARED:		
WORK DONE BY/FOR		
CONTRACTOR:		
OWNER:		
SUBCONTRACTOR:		
INTERNAL NO.		

LABOR

EMPLOYEE NAME	CRAFT	TYPE	5/7	5/8	5/9	CR	TOTAL	RATE	EXTENSION
Superintendent		REG					0.00	$ 117.76	$ -
		OT					0.00		$ -
		DT					0.00		$ -
Foreman		REG	8.00	6.00			14.00	$ 110.92	$ 1,552.92
		OT	0.50				0.50		$ -
		DT					0.00		$ -
Carpenter		REG	8.00	6.00			14.00	$ 94.91	$ 1,328.81
		OT					0.00		$ -
		DT					0.00		$ -
Labor		REG		6.00	4.00		10.00	$ 82.90	$ 828.97
		OT					0.00		$ -
		DT					0.00		$ -
Operator		REG		14.00			14.00	$ 100.97	$ 1,413.53
		OT					0.00		$ -
		DT					0.00		$ -
Mason		REG					0.00	$ 92.83	$ -
		OT					0.00		$ -
		DT					0.00		$ -
Corbel Surface Repair Credit		REG	-4.00	-4.00	-4.00	-4.00	-16.00	$ 74.21	$ (1,187.36)
		OT					0.00		$ -
		DT					0.00		$ -
		REG					0.00		$ -
		OT					0.00		$ -
		DT					0.00		$ -
		REG					0.00		$ -
		OT					0.00		$ -
		DT					0.00		$ -
								Labor Subtotal	$ 3,936.87
								Contractors Fee 15%	$590.53
								TOTAL LABOR CHARGES *	$ 4,527.40

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
EQUIPMENT & 3RD PARTY RENTAL:			
HC 110			$ 2,434.56
Pickup			$ 778.96
		Equipment Subtotal	$ 3,213.52
MATERIAL:			
Sika 211 SC Plus (38 bags)			$ 988.00
Sika VOH Credit (12 bags)			$ (270.00)
		Material Subtotal	$ 718.00
		Contractors Fee 15%	$ 107.70
SUBCONTRACTOR:			
		Subcontractor Subtotal	$ -
		Contractors Fee 5%	$ -
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 4,039.22

LABOR CHARGES (Page 1)	$ 4,527.40
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 4,039.22
TOTAL BILLING	**$ 8,566.62**

APPENDIX 7

WORK CHANGE DIRECTIVE NO. 026

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 3, 2025	Effective Date of Work Change Directive:	June 3, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

To install new Final Clarifier Sludge Blanket Detector Controllers inside a windowless front door enclosure to protect the display from sun washout and fade over time. Similar install as at the DePere Facility. The mount for the enclosure will be reconfigured such that the face of the enclosure will be flush with the handrail to avoid interference when walking on the clarifier bridge.

Attachments:

RFP 025 – Install Final Clarifier Sludge Blanket Detector Controllers in Enclosures

Contractor Pricing for RFP 025

Purpose for the Work Change Directive:

Owner Request

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $ 11,995.76 **Increase**

Contract Time: 0 days **No Change**

Basis of estimated change in Contract Price:

☑Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Nathan J Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 3, 2025	6/3/25

SPEED LETTER

DONOHUE
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

DATE: May 6, 2025

TO: Mr. Adam Gerondale
Lunda Construction Co.
W2332 Crosstown Road
Hilbert, WI 54129
Phone: 920.9853.3522

CONTRACT: GBMSD Green Bay Facility
North Plant Clarifier Rehabilitation Project
New Water Project No. 18-020-CS

DONOHUE PROJECT NO: 14324

MESSAGE: **Request for Proposal 025: Install Final Clarifier Sludge Blanket Detector Controllers in Enclosures**

Adam,

This Request for Proposal (RFP) is being prepared upon Owner request to install the new Final Clarifier Sludge Blanket Detector Controllers inside an enclosure to prevent sun fade of the display.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Delete and provide credit for Final Clarifier Sludge Blanket Detector Controller Mounts per Detail N141 required as part of the Base Bid.

2. Mount each Final Clarifier Sludge Blanket Detector Controller within an enclosure (Transmitter Cabinet) specified as follows:

   TRANSMITTER CABINETS

   A. Environmental protection for externally mounted EchoSmart controllers.

   B. Manufacturer:

      1. Hoffman.
      2. Saginaw.
      3. Hammond.
      4. Rittal.

   C. Enclosure:

      1. Polycarbonate, NEMA 4X for outdoor use, no window.
      2. Size:

         a. Suitable to house Controller. Enclosure must be wide enough to open face covers of Controller without removal from cabinet.

b. Size to adequately dissipate heat generated by the controller and absorbed from direct sunlight. Controller is specified for -40° to 140°F ambient temperatures. Provide passive ventilation as required.

D. Accessories – No Cost as already required by Base Bid Documents, only being noted as a reminder to provide.

1. Engraved plastic panel label with equipment tag number as shown on the Drawings and Specifications.

a. Letters: Black color, 1/4" size.
b. Background Color: White
c. Fastened with stainless steel screws or suitable adhesive where required to maintain panel NEMA rating.

3. Mount Cabinet with Controller inside in accordance with Detail N143 attached.

4. Provide in accordance with the Contract Documents

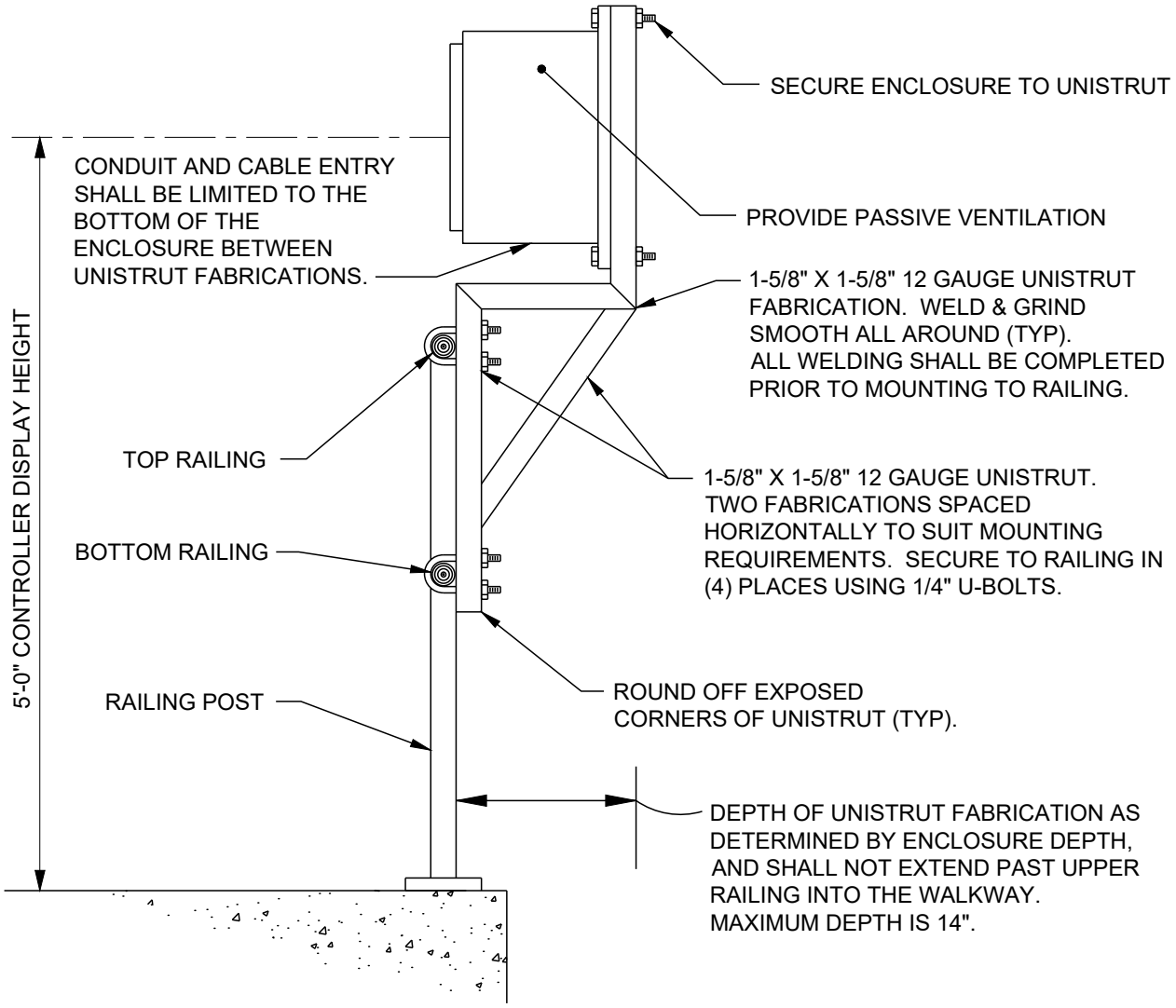
Please provide a detailed cost proposal for this work—including labor hours, cost of labor, subcontractor costs (also broken down into labor hours, labor cost, material costs) and supporting vendor pricing information.

Attachments: Detail N143

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By: _____
Allen Howe, Construction Administrator



RAILING MOUNT PANEL OR SMALL CASE INSTRUMENTATION N143

NTS

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 6/3/2025
Lunda Job No.: 16099600

TO: Allen Howe
Donohue & Associates
3311 Weeden Creek Road
Sheboygan, WI 53081

Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 31 - RFP 025_R1 Install Final Clarifier Sludge Blanket Detector Controllers

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	-
Total Labor Expense*	$	-
Total Equipment Expense	$	-
Total Subcontract Expense	$	11,912.37
Subtotal	$	11,912.37
Bond 0.70 % of $ 11,912.37	$	83.39
Total (Computation Sheets Attached)	$	11,995.76

It is anticipated that this work will require a time extension of ? days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		
AUTHORIZED BY:		
FIELD PREPARED:		
WORK DONE BY/FOR		
CONTRACTOR:		
OWNER:		
SUBCONTRACTOR:		
INTERNAL NO.		

LABOR

EMPLOYEE NAME	CRAFT	TYPE	TOTAL	RATE	EXTENSION
Superintendent		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Foreman		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Operator		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Carpenter		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Millwright		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Labor		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Mason		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
				Labor Subtotal	$ -
				Contractors Fee 15%	$0.00
				TOTAL LABOR CHARGES *	$ -

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
OWNED EQUIPMENT:			
		Owned Equipment Subtotal	$ -
		Contractors Fee 0%	$ -
RENTAL EQUIPMENT:			
		Rental Equipment Subtotal	$ -
		Contractors Fee 15%	$ -
MATERIAL:			
		Material Subtotal	$ -
		Contractors Fee 15%	$ -
SUBCONTRACTOR:			
Northern Electirc Inc.			$ 11,345.11
		Subcontractor Subtotal	$ 11,345.11
		Contractors Fee 5%	$ 567.26
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 11,912.37

LABOR CHARGES (Page 1)	$ -
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 11,912.37
TOTAL BILLING	**$ 11,912.37**

CHANGE NOTICE

Northern Electric

CCN # **199.706**
Date: 6/3/2025
Project Name: GBMSD- North Plan Clarifier
Project Number:
Page Number: 1

Client Address:

Lunda Construction Co.
Contact: James Lawman

Work Description

This Change Request is for PR025
We reserve the right to correct this quote for errors or omissions
This quote covers direct costs only, we reserve the right to claim for impact, consequential, and shipping costs
This price is good for acceptance within 10 days from the date of receipt
This work may require a time extension to the contract. At this time, we don't know how many days are needed
We will supply and install all materials, labor, and equipment as per your instructions and project specifications for 199.706

Itemized Breakdown

Description	Qty	Total Mat.
A1212CHNFSS 12x12x6 4X	8	1,776.00
B24 1-5/8"D 304 SS SLOT 14G	80	1,040.00
N228 3/8-16 SPRING NUT B22-B32	240	210.46
B104 4H GRN CRNR ANGLE	48	17.48
B154 2H GRN OPEN 45D ANGLE	48	17.69
3/8-16x 3/4 HEX HEAD BOLT 18-8 SS	240	72.36
3/8" FLAT WASHER - 316 SS	240	37.51
3/8" LOCK WASHER 18-8 SS	240	29.42
Totals	**1,144**	**3,200.92**

Summary

General Materials		3,200.92
Total Material		**3,200.92**
JOURNEYMAN	(70.56 Hrs @ $94.45)	6,664.39
Subtotal		**9,865.31**
Overhead	(@ 15.000 %)	1,479.80
Subtotal		**11,345.11**
Final Amount		**$11,345.11**

ORIGINAL

QLINE I, TYPE 4X

INDUSTRY STANDARDS

Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
CSA File No. 42186: Type 4, 4X, 12, 13
IEC 60529, IP66

ABS Enclosure
NEMA/EEMAC Type 4, 4X, 12, 13
IEC 60529, IP66

APPLICATION

The largest-sized QLINE enclosure, QLINE I provides easy access and protects larger controls from corrosive environments. Choose from screw cover, hinge, internal mounting, variable depth and quick-release latch options to meet your design and security requirements.
The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

SPECIFICATIONS

- Body is impact-resistant polycarbonate for PCI series and ABS for ABI series
- Opaque and clear covers are impact-resistant polycarbonate for PCI; opaque covers are ABS for ABI series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable-depth panel kit
- Screws provided for mounting optional panel
- Optional extension rings are molded polycarbonate
- Cover includes a molded-in hole for wire lead
- Seamless foam-in-place gasket assures watertight and dust-tight seal
- Material is halogen free

Screw Cover Enclosures have easy-to-remove covers attached to body with strong, durable polyamide cross-point cover screws.
Enclosures with Quick-Release Latches have polycarbonate hinges and polyester latches with a padlock provision.

FINISH

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

ACCESSORIES

See also Accessories.
Brass Insert Kit
Cover Screw Kit
Extension Rings
Hardware Kit
H2OMIT Vent Drains, Type 4X
Hinge Kit
HOL-SEALERS Non-Metallic Hole Seals
Mounting Bracket Kit
Panel Depth Fitting

MODIFICATION AND CUSTOMIZATION

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

BULLETIN: Q41

nVent | HOFFMAN

Standard Product **Polycarbonate**

Catalog Number	AxBxC mm/in.	Cover Style	Cover Type	External Dim's L x W mm/in.	Panel	Panel Size D x E mm/in.	Extension Ring	Mounting G x H mm/in.	F mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	T mm/in.	U mm/in.	Y mm/in.	Z mm/in.
Q202013PCI	188 x 188 x 123 7.40 x 7.40 x 4.84	Opaque	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202013PCICC	188 x 188 x 123 7.40 x 7.40 x 4.84	Clear	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	120 4.33	100 3.94	100 3.94
Q302013PCI	288 x 188 x 123 11.34 x 7.40 x 4.84	Opaque	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q302013PCICC	288 x 188 x 123 11.34 x 7.40 x 4.84	Clear	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q402013PCI	388 x 188 x 123 15.28 x 7.40 x 4.84	Opaque	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402013PCICC	388 x 188 x 123 15.28 x 7.40 x 4.84	Clear	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303013PCI	288 x 288 x 123 11.34 x 11.34 x 4.84	Opaque	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303013PCICC	288 x 288 x 123 11.34 x 11.34 x 4.84	Clear	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403013PCI	388 x 288 x 123 15.28 x 11.34 x 4.84	Opaque	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403013PCICC	388 x 288 x 123 15.28 x 11.34 x 4.84	Clear	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603013PCI	300 x 600 x 130 11.81 x 23.62 x 5.12	Opaque	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603013PCICC	300 x 600 x 130 11.81 x 23.62 x 5.12	Clear	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604013PCI	400 x 600 x 130 15.75 x 23.62 x 5.12	Opaque	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604013PCICC	400 x 600 x 130 15.75 x 23.62 x 5.12	Clear	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202018PCI	188 x 188 x 173 7.40 x 7.40 x 6.81	Opaque	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202018PCICC	188 x 188 x 173 7.40 x 7.40 x 6.81	Clear	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302018PCI	288 x 188 x 173 11.34 x 7.40 x 6.81	Opaque	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q302018PCICC	288 x 188 x 173 11.34 x 7.40 x 6.81	Clear	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q402018PCI	388 x 188 x 173 15.28 x 7.40 x 6.81	Opaque	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402018PCICC	388 x 188 x 173 15.28 x 7.40 x 6.81	Clear	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303018PCI	288 x 288 x 173 11.34 x 11.34 x 6.81	Opaque	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303018PCICC	288 x 288 x 173 11.34 x 11.34 x 6.81	Clear	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403018PCI	388 x 288 x 173 15.28 x 11.34 x 6.81	Opaque	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403018PCICC	388 x 288 x 173 15.28 x 11.34 x 6.81	Clear	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603018PCI	300 x 600 x 180 11.81 x 23.62 x 7.09	Opaque	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603018PCICC	300 x 600 x 180 11.81 x 23.62 x 7.09	Clear	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604018PCI	400 x 600 x 180 15.75 x 23.62 x 7.09	Opaque	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604018PCICC	400 x 600 x 180 15.75 x 23.62 x 7.09	Clear	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202013PCIQRR	200 x 200 x 130 7.87 x 7.87 x 5.12	Opaque	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202013PCIQRCCR	200 x 200 x 130 7.87 x 7.87 x 5.12	Clear	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302013PCIQRR	200 x 300 x 130 7.87 x 11.81 x 5.12	Opaque	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q302013PCIQRCCR	200 x 300 x 130 7.87 x 11.81 x 5.12	Clear	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q402013PCIQRR	200 x 400 x 130 7.87 x 15.75 x 5.12	Opaque	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402013PCIQRCCR	200 x 400 x 130 7.87 x 15.75 x 5.12	Clear	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303013PCIQRR	300 x 300 x 130 11.81 x 11.81 x 5.12	Opaque	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303013PCIQRCCR	300 x 300 x 130 11.81 x 11.81 x 5.12	Clear	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403013PCIQRR	300 x 400 x 130 11.81 x 15.75 x 5.12	Opaque	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403013PCIQRCCR	300 x 400 x 130 11.81 x 15.75 x 5.12	Clear	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81

Catalog Number	AxBxC mm/in.	Cover Style	Cover Type	External Dim's L x W mm/in.	Panel	Panel Size D x E mm/in.	Extension Ring	Mounting G x H mm/in.	F mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	T mm/in.	U mm/in.	Y mm/in.	Z mm/in.
Q603013PCIQRR	300 x 600 x 130 11.81 x 23.62 x 5.12	Opaque	QR Latch	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	—	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603013PCIQRCCR	300 x 600 x 130 11.81 x 23.62 x 5.12	Clear	QR Latch	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	—	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604013PCIQRR	400 x 600 x 130 15.75 x 23.62 x 5.12	Opaque	QR Latch	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	—	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604013PCIQRCCR	400 x 600 x 130 15.75 x 23.62 x 5.12	Clear	QR Latch	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	—	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202018PCIQRR	200 x 200 x 180 7.87 x 7.87 x 7.09	Opaque	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202018PCIQRCCR	200 x 200 x 180 7.87 x 7.87 x 7.09	Clear	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302018PCIQRR	200 x 300 x 180 7.87 x 11.81 x 7.09	Opaque	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q302018PCIQRCCR	200 x 300 x 180 7.87 x 11.81 x 7.09	Clear	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q402018PCIQRR	200 x 400 x 180 7.87 x 15.75 x 7.09	Opaque	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402018PCIQRCCR	200 x 400 x 180 7.87 x 15.75 x 7.09	Clear	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303018PCIQRR	300 x 300 x 180 11.81 x 11.81 x 7.09	Opaque	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303018PCIQRCCR	300 x 300 x 180 11.81 x 11.81 x 7.09	Clear	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403018PCIQRR	300 x 400 x 180 11.81 x 15.75 x 7.09	Opaque	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403018PCIQRCCR	300 x 400 x 180 11.81 x 15.75 x 7.09	Clear	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603018PCIQRR	300 x 600 x 180 11.81 x 23.62 x 7.09	Opaque	QR Latch	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	—	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.25	220 8.66	510 20.08	200 7.87	500 19.69
Q603018PCIQRCCR	300 x 600 x 180 11.81 x 23.62 x 7.09	Clear	QR Latch	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	—	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604018PCIQRR	400 x 600 x 180 15.75 x 23.62 x 7.09	Opaque	QR Latch	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	—	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.28	320 12.60	510 20.08	300 11.81	500 19.69
Q604018PCIQRCCR	400 x 600 x 180 15.75 x 23.62 x 7.09	Clear	QR Latch	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	—	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69

A x B x C are internal dimensions.

Purchase panels and extension rings separately.

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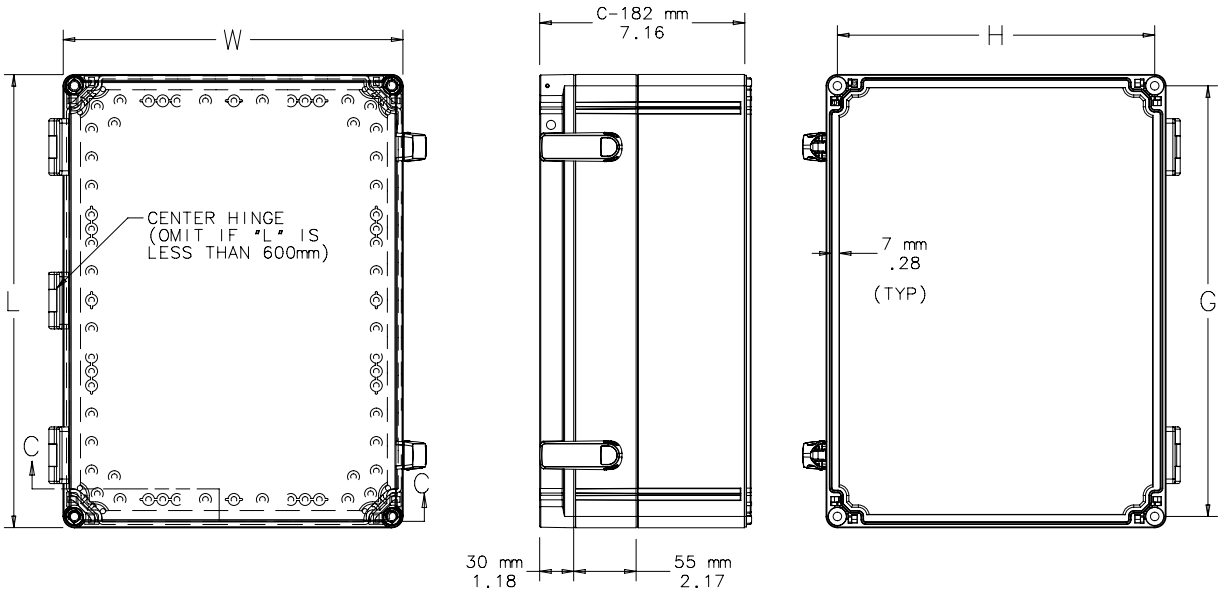
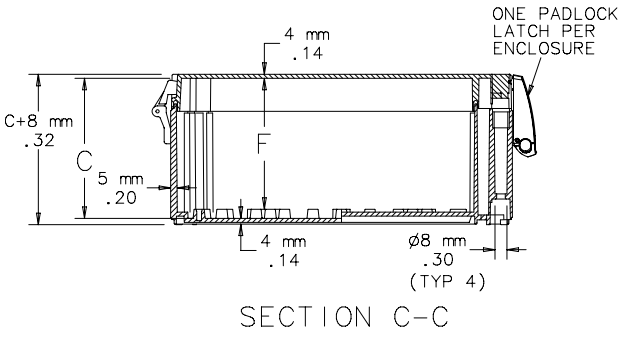
Standard Product **ABS, Screw Cover**

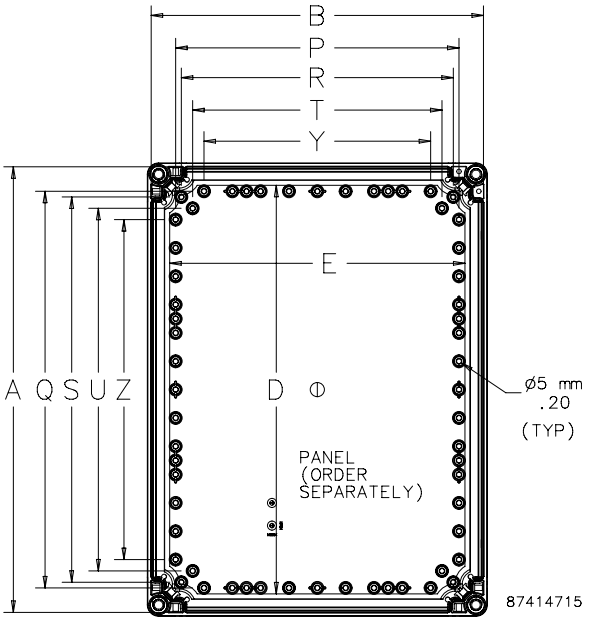
Catalog Number	AxBxC mm/in.	Cover Style	External Dim's L x W mm/in.	Panel	Panel Size D x E mm/in.	Extension Ring	Mounting G x H mm/in.	F mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	T mm/in.	U mm/in.	Y mm/in.	Z mm/in.
Q202013ABI	188 x 188 x 123 7.40 x 7.40 x 4.84	Opaque	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202013ABICC	200 x 200 x 130 7.87 x 7.87 x 5.12	Clear	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302013ABI	300 x 200 x 123 11.81 x 7.87 x 4.84	Opaque	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q302013ABICC	200 x 300 x 130 7.87 x 11.81 x 5.12	Clear	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q402013ABI	388 x 188 x 123 15.28 x 7.40 x 4.84	Opaque	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402013ABICC	200 x 400 x 130 7.87 x 15.75 x 5.12	Clear	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303013ABI	288 x 288 x 123 11.34 x 11.34 x 4.84	Opaque	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303013ABICC	300 x 300 x 130 11.81 x 11.81 x 5.12	Clear	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403013ABI	388 x 288 x 123 15.28 x 11.34 x 4.84	Opaque	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	240 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403013ABICC	300 x 400 x 130 11.81 x 15.75 x 5.12	Clear	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	240 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603013ABI	300 x 600 x 130 11.81 x 23.62 x 5.12	Opaque	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	300 11.81
Q603013ABICC	300 x 600 x 130 11.81 x 23.62 x 5.12	Clear	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	300 11.81
Q604013ABI	400 x 600 x 130 15.75 x 23.62 x 5.12	Opaque	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604013ABICC	400 x 600 x 130 15.75 x 23.62 x 5.12	Clear	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202018ABI	188 x 188 x 173 7.40 x 7.40 x 6.81	Opaque	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202018ABICC	200 x 200 x 180 7.87 x 7.87 x 7.09	Clear	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302018ABI	288 x 188 x 173 11.34 x 7.40 x 6.81	Opaque	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q302018ABICC	200 x 300 x 180 7.87 x 11.81 x 7.09	Clear	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q402018ABI	388 x 188 x 173 15.28 x 7.40 x 6.81	Opaque	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402018ABICC	200 x 400 x 180 7.87 x 15.75 x 7.09	Clear	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303018ABI	288 x 288 x 173 11.34 x 11.34 x 6.81	Opaque	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303018ABICC	300 x 300 x 180 11.81 x 11.81 x 7.09	Clear	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403018ABI	388 x 288 x 173 15.28 x 11.34 x 6.81	Opaque	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403018ABICC	300 x 400 x 180 11.81 x 15.75 x 7.09	Clear	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603018ABI	300 x 600 x 180 11.81 x 23.62 x 7.09	Opaque	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603018ABICC	300 x 600 x 180 11.81 x 23.62 x 7.09	Clear	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604018ABI	400 x 600 x 180 15.75 x 23.62 x 7.09	Opaque	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604018ABICC	400 x 600 x 180 15.75 x 23.62 x 7.09	Clear	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69

QLINE I Polycarbonate and ABS Type 4X Enclosures with Quick-Release Latches Dimension Drawing



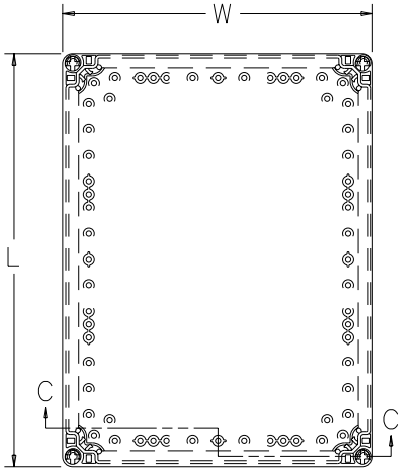


SECTION C-C

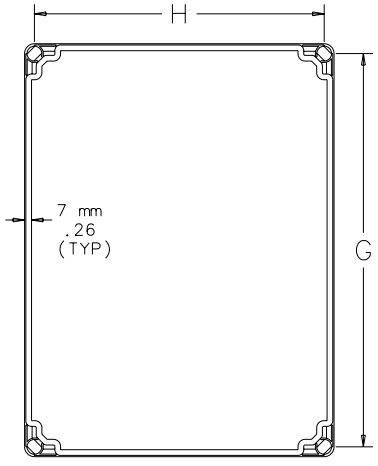


TOP VIEW WITH
COVER REMOVED

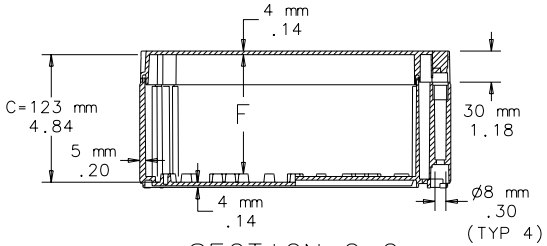
QLINE I Polycarbonate and ABS Screw Cover Dimension Drawing



TOP VIEW

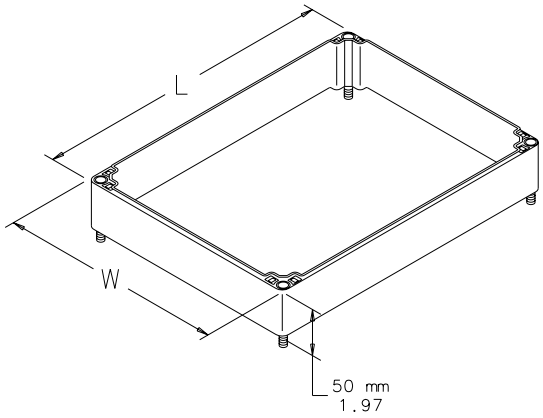


BOTTOM VIEW

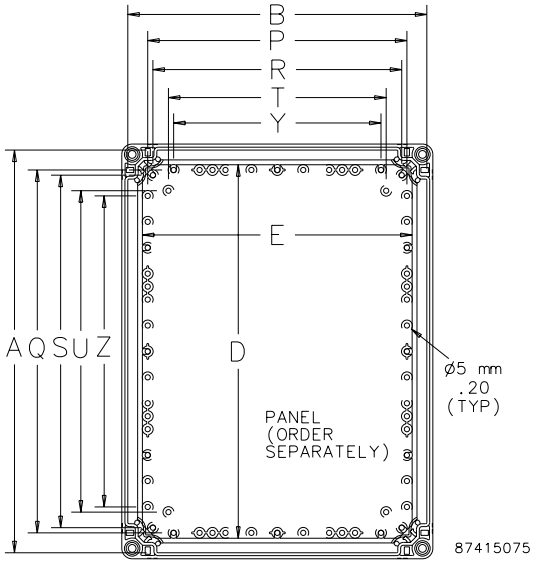


SECTION C-C

NOTE: Panel screws are M5 pan head.



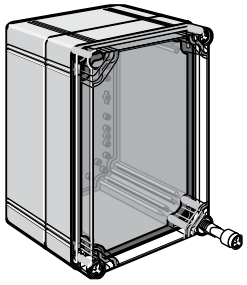
OPTIONAL EXTENSION RING



TOP VIEW WITH COVER REMOVED

nVent | HOFFMAN

COVER SCREW KIT

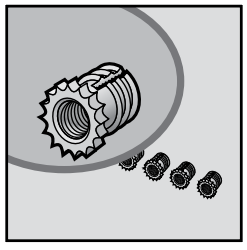


Screws are polyamide. Wing-head-style screws provide rapid access to enclosure interior without requiring special tools to open. Kit includes four polyamide cover screws and four self-tapping, plated panel screws. Tamper-resistant screws have molded 3-mm double-bit drive; kit includes four cover screws, one key and four self-tapping, plated panel screws. Use on all QLINE I enclosures.

BULLETIN: Q41Y

Catalog Number	Description
QIWHSK	Wing-head screw
QITSK	3-mm tamper-resistant double-bit

BRASS INSERT KIT

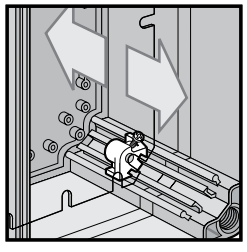


Four M5 self-tapping brass inserts screw into molded pads in bottom of enclosure. Inserts have M3 internal thread.

BULLETIN: Q41Y

Catalog Number
QBIK

PANEL DEPTH FITTING



Panel Depth Fitting attaches to corner molded rails of enclosure to facilitate full-range front-to-back panel adjustment. Package includes four polyamide fittings and plated screws. Use on all QLINE I enclosures.

BULLETIN: Q41Y

Catalog Number
QIPDF

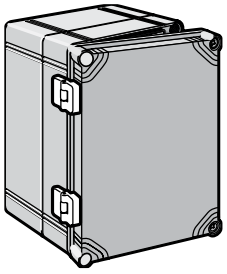
SWING PANEL

Adjustable-depth aluminum swing panels, for use in QLINE I polycarbonate enclosures, provide a convenient way to install controls and instruments near enclosure body opening while providing access and security. Suitable applications include water, pulp and paper, petroleum and chemical processing, food, packaging and pharmaceutical applications.

BULLETIN: Q41Y

Catalog Number	Panel Size D x E mm/in.	Fits Enclosure Size A x B mm/in.	Hinged Side of Enclosure
QIHFP22A	186 x 180 7.32 x 7.09	200 x 200 7.87 x 7.87	200
QIHFP23A	186 x 280 7.32 x 11.02	300 x 200 11.81 x 7.87	200
QIHFP32A	286 x 180 11.26 x 7.09	300 x 200 11.81 x 7.87	300
QIHFP42A	386 x 180 15.20 x 7.09	400 x 200 15.75 x 7.87	400
QIHFP33A	286 x 280 11.26 x 11.02	300 x 300 11.81 x 11.81	300
QIHFP43A	386 x 280 15.20 x 11.02	400 x 300 15.75 x 11.81	400
QIHFP63A	586 x 280 23.07 x 11.02	600 x 300 23.62 x 11.81	600
QIHFP64A	586 x 380 23.07 x 14.96	600 x 400 23.62 x 15.75	600

HINGE KIT

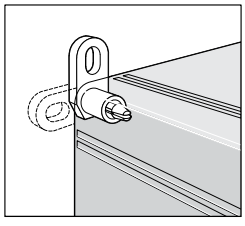


Hinge Kit includes two polyamide hinges, eight M4 self-tapping plated screws, eight flat washers and drilling template. Use on all QLINE I enclosures.
Hinge Kit meets Type 4 requirements. Three hinges required for 600-mm sides.

BULLETIN: Q41Y

Catalog Number
QIHK

MOUNTING BRACKET KIT

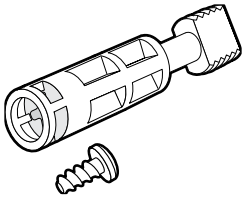


Mounting Bracket Kit has four polycarbonate brackets and four M3 self-tapping, plated screws. Kit is field-installable. Use on all QLINE I Enclosures. Maintains listed ratings for enclosure.

BULLETIN: Q41Y

Catalog Number
QIMFK

HARDWARE KIT

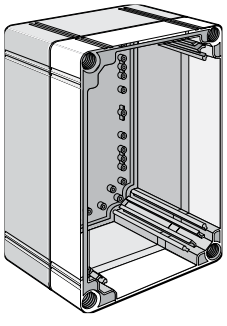


Hardware Kit includes four polyamide cover screws and four self-tapping, plated panel screws. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

BULLETIN: Q41Y

Catalog Number	Description
QIHK424	42-mm screws

EXTENSION RINGS

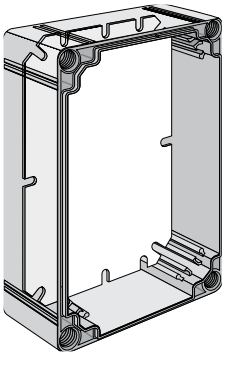


Extension rings can be added to QLINE I enclosures to provide additional 50 mm (1.97) to enclosure depth. Extension rings are polycarbonate and cannot be used with quick-release latches.

BULLETIN: Q41Y

Catalog Number	Use with Enclosure Catalog Number Beginning With
Q2020EXTI	Q2020
Q3020EXTI	Q3020
Q3030EXTI	Q3030
Q4020EXTI	Q4020
Q4030EXTI	Q4030
Q6030EXTI	Q6030
Q6040EXTI	Q6040

PANELS



BULLETIN: Q41Y

Catalog Number	Panel Size D x E (mm)	Panel Size D x E (in.)
Q2020PI	160 x 160	6.30 x 6.30
Q3020PI	260 x 160	10.24 x 6.30
Q3030PI	260 x 260	10.24 x 10.24
Q4020PI	360 x 160	14.17 x 6.30
Q4030PI	360 x 260	14.17 x 10.24
Q6030PI	560 x 260	22.05 x 10.24
Q6040PI	560 X 360	22.05 x 14.17

APPENDIX 8

WORK CHANGE DIRECTIVE NO. 027

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 3, 2025	Effective Date of Work Change Directive:	June 3, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Lower the Scum Trough a total of 5-1/2in from the elevation shown on the Contract Drawings to minimize the amount of exposed ramp during low to normal flow conditions. See further description in attached RFP.

Attachments:

RFP 024R1 – Primary and Final Clarifier Scum Beach Modifications

Contractor Pricing for RFP 024R1

Purpose for the Work Change Directive:

Plant Staff noted it was not realized during Design Workshops how much of the ramp would actually be exposed during low to normal flow conditions based on the elevations of the Scum Trough presented until after clarifier start-up. This is a certain during winter, for as scum is pulled up the exposed portion of the ramp with the scraper arm, contacting the cold steel surface will freeze material to the ramp surface requiring regular efforts to chip off built up frozen scum.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $70,199.20 **increase**

Contract Time: 5 days **Increase**

Basis of estimated change in Contract Price:

☑Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:	Allen Howe	Robert J Brown
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 6, 2025	6/9/25

SPEED LETTER

DONOHUE
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

DATE: May 5, 2025 revised May 6, 2025

TO: Mr. Adam Gerondale
Lunda Construction Co.
W2332 Crosstown Road
Hilbert, WI 54129
Phone: 920.9853.3522

CONTRACT: GBMSD Green Bay Facility
North Plant Clarifier Rehabilitation Project
New Water Project No. 18-020-CS

DONOHUE PROJECT NO: 14324

MESSAGE: **Request for Proposal 024R1: Primary and Final Clarifier Scum Beach Modifications**

Adam,

This Request for Proposal (RFP) is being prepared in response to recent Owner discussions concerning the amount of Scum Beach ramp exposed during Average Daily and Peak Hourly flows for both the Primary and Final Clarifiers based on observations after new Primary Clarifier 3 and Final Clarifier 5 were put into service.

The following is a summary of the history leading up to this RFP. When freeze water was added to Primary Clarifier 3 and Final Clarifier 5 prior to startup, it was realized the leading edge of the Scum Beach would not be submerged at Average Water Level during clarifier operation. Without involving the Owner, it was agreed that the Engineer would bear the cost of lowering the Scum Beaches. Therefore, the Scum Beaches for Primary Clarifier 3 and Final Clarifier 5 were lowered 1-1/2-in below the Average Water Level. Work associated with re-entering/mobilizing into both clarifiers to lower the Scum Beaches, as well as lowering the remaining ten clarifier Scum Beaches 1-1/2-inches would be a cost covered by the Engineer. The terms of these efforts were negotiated with the Contractor. No impact to the Owner.

Unfortunately, feedback from the Owner to lower the Scum Beaches an additional 4-inches from the 1-1/2-in already lowered did not occur until several weeks after the startup of Primary Clarifier 3 and Final Clarifier 5 when observations were made concerning the amount of Scum Beach ramp exposed. While the Engineer covered the costs of lowering the Scum Beaches for all clarifiers to the level where the leading edge was below the operating water level, which consisted of modifying the nine risers supporting the Scum Beach, three risers on each of the three main wall brackets, there is no more available riser height left to lower an additional 4-in. Therefore, the three main wall brackets for each Scum Beach will need to be modified as recommended by the clarifier manufacturer. There will be added labor costs to re-enter and lower the Scum Beaches in Primary Clarifier 3 and Final Clarifier 5. The remaining clarifiers will be lowered the total 5-1/2-inches by using the same method of modifying the three main brackets.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Primary Clarifier 3 was lowered to its current top of Scum Trough elevation 114.84. Lower Primary Clarifier 3 Scum Beach an additional 4-in to achieve a top of Scum Trough elevation of 114.51; Contractor to verify elevation.

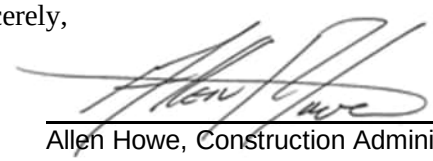
2. Final Clarifier 5 was initially lowered to top of Scum Trough elevation 107.29 and then lowered an additional 4-in to top of Scum Trough elevation 106.96. Contractor to verify the current top of Scum Trough elevation, as this is the elevation in which the remaining Final Clarifiers shall be set. Address work associated with Final Clarifier 5 retroactively since work is already complete.
3. Lower remaining Primary Clarifier Scum Beaches a total of 5-1/2-in from what is shown in shop drawings to match top of Scum Trough elevation in Primary Clarifier 3.
4. Lower remaining Final Clarifier Scum Beaches a total of 5-1/2-in from what is shown in shop drawings to match top of Scum Trough elevation in Final Clarifier 5.
5. Modify Scum Scraper Arms with extended back plates and modify rake arm deflector plate to accommodate the Scum Beach height adjustment. Similar to improvements already made to Final Clarifier 5.
6. Provide in accordance with the Contract Documents.

Please provide a detailed cost proposal for this work—including labor hours, cost of labor, subcontractor costs (also broken down into labor hours, labor cost, material costs) and supporting vendor pricing information.

Attachments: None.

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By: 
Allen Howe, Construction Administrator

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 6/4/2025
Lunda Job No.: 16099600

TO:
Allen Howe
Donohue & Associates
3311 Weeden Creek Road
Sheboygan, WI 53081

Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 30 - RFP 024R2 Lower Scum Beach

Work must be concurret with RFP 023

Following is a cost summary of extra work performed on this project:

Total Materials Expense		$	-
Total Labor Expense*		$	971.39
Total Equipment Expense		$	3,246.08
Total Subcontract Expense		$	65,493.75
	Subtotal	$	69,711.22
Bond 0.70	% of $ 69,711.22	$	487.98
Total (Computation Sheets Attached)		$	70,199.20

It is anticipated that this work will require a time extension of 5 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		

Assist to remobilize in tanks

AUTHORIZED BY:
FIELD PREPARED:

WORK DONE BY/FOR
CONTRACTOR:
OWNER:
SUBCONTRACTOR:
INTERNAL NO.

LABOR

EMPLOYEE NAME	CRAFT	TYPE			TOTAL	RATE	EXTENSION
Superintendent		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
Foreman		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
Operator		REG	4.00	4.00	8.00	$ 105.59	$ 844.69
		OT			0.00		$ -
		DT			0.00		$ -
Carpenter		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
Labor		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
		REG			0.00		$ -
		OT			0.00		$ -
		DT			0.00		$ -
					Labor Subtotal		$ 844.69
					Contractors Fee 15%		$126.70
					TOTAL LABOR CHARGES *		$ 971.39

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY		AMOUNT
OWNED EQUIPMENT:				
HC 110			$	3,246.08
		Owned Equipment Subtotal	$	3,246.08
		Contractors Fee 0%	$	-
RENTAL EQUIPMENT:				
		Rental Equipment Subtotal	$	-
		Contractors Fee 15%	$	-
MATERIAL:				
		Material Subtotal	$	-
		Contractors Fee 15%	$	-
SUBCONTRACTOR:				
August Winters & Sons			$	62,375.00
		Subcontractor Subtotal	$	62,375.00
		Contractors Fee 5%	$	3,118.75
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$	68,739.83

LABOR CHARGES (Page 1)	$	971.39
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$	68,739.83
TOTAL BILLING	**$**	**69,711.22**

AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR
www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

5.16.25

12

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: GBMSD North clarifier rehab/ 74623
Description: RFP-024 primary and final beach mods

Our change order price and breakdown follows:

August Winter

Material		$	-
Labor**	400 hrs	$	51,176
Direct Costs		$	-
Subtotal		$	51,176
Overhead		$	7,676
Subsistence		$	-
Total		**$**	**58,852**

Equipment

Total Equipment Costs	$	3,063
Equipment Markup	$	459
Total Equipment Costs w/overhead	**$**	**3,522**

Subcontracts

Total Subcontractor Costs	$	-
Subcontractor Markup	$	-
Total Subcontractor Costs w/overhead	**$**	**-**
Total AWS/Subcontractor Costs	$	62,375
Profit/Bond	$	-

Change Order Total..... $ 62,375

Time extension required is _____ days. This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: Any crane time (We will need 8 hours to mob/remob in Final 5 and primary 3)

Jason Knops

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

August Winter Sons, Inc.
Change Order/Small Projects Report

Project/Job#: GBMSD North clarifier rehab/ 74623 **Date: 5.16.25**

Description: RFP-024 primary and final beach mods

MATERIAL

Material Credit w/restocking	.....		0.00	
Material ADD	.....		$ -	
Sales Tax	5.5%		$ -	
			Material Subtotal	$ -

LABOR

General Foreman Hours	0.00	@	$ -	$ -	
Foreman Hours	100.00	@	$ 131.48	$ 13,148.00	
Field Plumber/Fitter Hours - REG	300.00	@	$ 126.76	$ 38,028.00	
Field Plumber/Fitter Hours - OT	0.00	@	$ -	$ -	
Field Tinner Hours - REG	0.00	@	$ -	$ -	
Field Tinner Hours - OT	0.00	@	$ -	$ -	
Shop Hours	0.00	@	$ 126.76	$ -	
Operator Hours	0.00	@	$ -	$ -	
				Labor Subtotal	$ 51,176

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	0.0% of Labor	$ -	
		Subtotal	$ -
		Subtotal Contractor Costs	$ 51,176
		Overhead 15.0%	$ 7,676
		Subsistence	$ -
		Total Contractor Costs	$ 58,852

Equipment

scissors lift	2.00	weeks	@	$ 594.00	$ 1,188.00	
Skytrac	1.00	weeks	@	#######	$ 1,875.00	
	0.00	weeks	@	$ -	$ -	
	0.00	weeks	@	$ -	$ -	
	0.00	weeks	@	$ -	$ -	
	0.00	weeks	@	$ -	$ -	Subtotal $ 3,063

Equipment Overhead	15.0%	$ 459
Subtotal Equipment Costs		$ 3,522

SUBCONTRACTS

	.....	$ -
	.....	$ -
	.....	$ -
	.....	$ -

Total Subcontractor Costs		$ -
Subcontractor Overhead	10.0%	$ -
Subtotal Subcontractors Costs		$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs		$ 62,375
Profit	0.0%	$ -
Bond	0.0%	$ -
Total Amount Of Change		**$ 62,375**

Time extension required is **25** days. This quotation based upon acceptance within **30** days.

Exclusions: Any crane time (We will need 8 hours to mob/remob in Final 5 and primary 3)

NOTE: This change order does not address impact costs on base contract.

APPENDIX 9

Return to Agenda

WORK CHANGE DIRECTIVE NO. 035

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 4, 2025	Effective Date of Work Change Directive:	June 4, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Lower Scum Baffle in all clarifiers as allowed by the existing baffle mounting brackets, where all Final Clarifiers have the same level top of baffle elevation, and all Primary Clarifiers have the same level top of baffle elevation.

Attachments:

RFP 023 – Primary and Final Clarifier Scum Baffle Modifications

Contractor Pricing for RFP 023

Purpose for the Work Change Directive:

Plant Staff noted it was not realized during Design Workshops how much of the Scum Baffle would actually be exposed during low to normal flow conditions simply based on the water elevations presented. Therefore, the preference is to minimize the height of the scum baffle above the average daily water level by lowering it as much as possible with the amount of adjustment available in the mounting brackets. Final Clarifier 1 currently represents what the lowered Scum Baffle will look like in each Final Clarifier. The Primary Clarifiers will look similar to each other as well. Based on the appearance, the portion of RFP 023 pertaining to trimming of the baffle support brackets that would be exposed above the top of the baffles will not be included as part of this WCD.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times:

Contract Price: $12,645.91 **increase**

Contract Time: 5 days **Increase**

Basis of estimated change in Contract Price:

☑Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:		
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 4, 2025	6/6/25

SPEED LETTER

DONOHUE
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

DATE: May 4, 2025

TO: Mr. Adam Gerondale
Lunda Construction Co.
W2332 Crosstown Road
Hilbert, WI 54129
Phone: 920.9853.3522

CONTRACT: GBMSD Green Bay Facility
North Plant Clarifier Rehabilitation Project
New Water Project No. 18-020-CS

DONOHUE PROJECT NO: 14324

MESSAGE: **Request for Proposal 023: Primary and Final Clarifier Scum Baffle Modifications**

Adam,

This Request for Proposal (RFP) is being prepared per Owner request to lower both the Primary and Final Clarifier Scum Baffles to a point as low as possible within the range of the existing slotted holes of the baffle brackets. Primary and Final Clarifiers will each have their own unique top of baffle elevation; however, all Primary Clarifiers will have their own same top of baffle elevation and all of the Final Clarifiers will have their own same top of baffle elevation. Two rehabbed clarifiers have existing Scum Baffles already installed which need to be reworked to be lowered while the Scum Baffles for the remaining clarifiers can be installed at their respective lowered elevation as part of their initial construction.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Determine what is the lowest common elevation the four Primary Clarifiers Scum Baffles can be set based on the slotted holes in the Scum Baffle support brackets.
2. Determine what is the lowest common elevation the eight Final Clarifier Scum Baffles can be set based on the slotted holes in the Scum Baffle support brackets.
3. Work associated with this item is No Cost to the Owner. Install Primary Clarifier 1, 2 and 4, and Final Clarifier 1, 2, 3, 4, 6, 7 and 8 at their new lowest common elevation for each respective type of clarifier.
4. Provide a cost to lower Primary Clarifier 3 and Final Clarifier 5 Scum Baffles currently installed at an elevation that can be lowered to the lowest common elevation for each type of clarifier.
5. ~~Provide a separate line item to trim the tops of each Scum Baffle bracket which will be exposed above the top of baffle when installed at their new lowered common elevation for each type of clarifier. Cut each baffle support flush with top of each lowered scum baffle. Round over and debur cut edge of each baffle support. Upon witnessing the installation of a sample lowered baffle section, Owner will determine if brackets will be required to be trimmed. If not required to trim, this line item will be deleted from the over cost of this RFP.~~
6. Provide in accordance with the Contract Documents

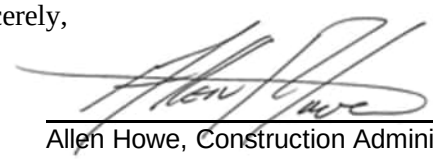
Please provide a detailed cost proposal for this work—including labor hours, cost of labor, subcontractor costs (also broken down into labor hours, labor cost, material costs) and supporting vendor pricing information.

Attachments: None.

SPEED LETTER – RFP 023
05/04/25

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By: 
Allen Howe, Construction Administrator

LUNDA
CONSTRUCTION CO.

620 Gebhardt Road, P.O. Box 669
Black River Falls, WI 54615
ph: (715) 284-9491 fax: (715) 284-9146
www.lundaconstruction.com

May 19, 2025

Project:	North Plant Clarifier Rehabilitation Project
Project Number:	US-WI-358-3
Location:	Green Bay, WI
Lunda Job Number:	16099600

Attn: Mr. Allen Howe
Donohue & Associates, Inc.

Subject: RFP 023 - Primary and Final Clarifier Scum Baffle Modifications

Al -

Below you will discover the requested pricing breakout for the scum baffle modifications for the clarifier equipment.

Item RFP 023.4:	**$12,645.91 LS**
Item RFP 023.5:	**$24,499.86 LS**
Total:	**$37,145.77 LS**

Thank You,

James Lawman
Lunda Construction
715-896-1602

CC: A. Gerondale, File

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 5/19/2025
Lunda Job No.: 16099600

TO:
Allen Howe
Donohue & Associates
3311 Weeden Creek Road
Sheboygan, WI 53081

Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 29 - RFP 023 Lower Scum Baffles

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	-
Total Labor Expense*	$	-
Total Equipment Expense	$	-
Total Subcontract Expense	$	12,558.00
Subtotal	$	12,558.00
Bond 0.70 % of $ 12,558.00	$	87.91
Total (Computation Sheets Attached)	$	12,645.91

It is anticipated that this work will require a time extension of 5 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		
AUTHORIZED BY:		
FIELD PREPARED:		
WORK DONE BY/FOR		
CONTRACTOR:		
OWNER:		
SUBCONTRACTOR:		
INTERNAL NO.		

LABOR

EMPLOYEE NAME	CRAFT	TYPE	TOTAL	RATE	EXTENSION
Superintendent		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Foreman		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Operator		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Carpenter		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Labor		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
				Labor Subtotal	$ -
				Contractors Fee 15%	$0.00
				TOTAL LABOR CHARGES *	$ -

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
OWNED EQUIPMENT:			
		Owned Equipment Subtotal	$ -
		Contractors Fee 0%	$ -
RENTAL EQUIPMENT:			
		Rental Equipment Subtotal	$ -
		Contractors Fee 15%	$ -
MATERIAL:			
		Material Subtotal	$ -
		Contractors Fee 15%	$ -
SUBCONTRACTOR:			
August Winters & Sons			$ 11,960.00
		Subcontractor Subtotal	$ 11,960.00
		Contractors Fee 5%	$ 598.00
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 12,558.00

LABOR CHARGES (Page 1)	$ -
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 12,558.00
TOTAL BILLING	**$ 12,558.00**

AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR
www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

5.16.25

10

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: GBMSD North clarifier rehab/ 74623
Description: RFP-023 Primary 3 and final 5 scum baffle mods (Lower scum baffles)

Our change order price and breakdown follows:

August Winter

Material		$	-
Labor**	72 hrs	$	9,212
Direct Costs		$	-
Subtotal		$	9,212
Overhead		$	1,382
Subsistence		$	-
Total		**$**	**10,593**

Equipment

Total Equipment Costs	$	1,188
Equipment Markup	$	178
Total Equipment Costs w/overhead	**$**	**1,366**

Subcontracts

Total Subcontractor Costs	$	-
Subcontractor Markup	$	-
Total Subcontractor Costs w/overhead	**$**	**-**
Total AWS/Subcontractor Costs	$	11,960
Profit/Bond	$	-

Change Order Total..... $ 11,960

Time extension required is 5 days. This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions:

Jason Knops

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

August Winter Sons, Inc.

Change Order/Small Projects Report

Project/Job#: GBMSD North clarifier rehab/ 74623 **Date:** 5.16.25

Description: RFP-023 Primary 3 and final 5 scum baffle mods (Lower scum baffles)

MATERIAL

Material Credit w/restocking		0.00
Material ADD		$ -
Sales Tax	5.5%	$ -
	Material Subtotal	$ -

LABOR

General Foreman Hours	0.00	@	$ -	$ -
Foreman Hours	18.00	@	$ 131.48	$ 2,366.64
Field Plumber/Fitter Hours - REG	54.00	@	$ 126.76	$ 6,845.04
Field Plumber/Fitter Hours - OT	0.00	@	$ -	$ -
Field Tinner Hours - REG	0.00	@	$ -	$ -
Field Tinner Hours - OT	0.00	@	$ -	$ -
Shop Hours	0.00	@	$ 126.76	$ -
Operator Hours	0.00	@	$ -	$ -
			Labor Subtotal	$ 9,212

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	0.0% of Labor	$ -
	Subtotal	$ -
	Subtotal Contractor Costs	$ 9,212
	Overhead 15.0%	$ 1,382
	Subsistence	$ -
	Total Contractor Costs	$ 10,593

Equipment

scissors lift	2.00	weeks @	$ 594.00	$ 1,188.00	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	Subtotal $ 1,188

Equipment Overhead	15.0%	$ 178
Subtotal Equipment Costs		$ 1,366

SUBCONTRACTS

.....		$ -
.....		$ -
.....		$ -
.....		$ -
Total Subcontractor Costs		$ -
Subcontractor Overhead	10.0%	$ -
Subtotal Subcontractors Costs		$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs		$ 11,960
Profit	0.0%	$ -
Bond	0.0%	$ -
Total Amount Of Change		**ERROR**

Time extension required is **5** days. This quotation based upon acceptance within **30** days.

Exclusions:

NOTE: This change order does not address impact costs on base contract.

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 5/19/2025

Lunda Job No.: 16099600

TO: Allen Howe
Donohue & Associates
3311 Weeden Creek Road
Sheboygan, WI 53081

Project No. 18-020-CO

Project: GBMSD North Plant Clarifier Rehabilitation Project

Description of Work: Issue 29 - RFP 023 Trim Brackets

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	-
Total Labor Expense*	$	-
Total Equipment Expense	$	-
Total Subcontract Expense	$	24,329.55
Subtotal	$	24,329.55
Bond 0.70 % of $ 24,329.55	$	170.31
Total (Computation Sheets Attached)	$	24,499.86

It is anticipated that this work will require a time extension of 9 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		
AUTHORIZED BY:		
FIELD PREPARED:		
WORK DONE BY/FOR		
CONTRACTOR:		
OWNER:		
SUBCONTRACTOR:		
INTERNAL NO.		

LABOR

EMPLOYEE NAME	CRAFT	TYPE	TOTAL	RATE	EXTENSION
Superintendent		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
Foreman		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
Operator		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
Carpenter		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
Labor		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-
		REG	0.00	$	-
		OT	0.00	$	-
		DT	0.00	$	-

Labor Subtotal	$	-
Contractors Fee 15%		$0.00
TOTAL LABOR CHARGES *	$	-

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY	AMOUNT
OWNED EQUIPMENT:			
		Owned Equipment Subtotal	$ -
		Contractors Fee 0%	$ -
RENTAL EQUIPMENT:			
		Rental Equipment Subtotal	$ -
		Contractors Fee 15%	$ -
MATERIAL:			
		Material Subtotal	$ -
		Contractors Fee 15%	$ -
SUBCONTRACTOR:			
August Winters & Sons			$ 23,171.00
		Subcontractor Subtotal	$ 23,171.00
		Contractors Fee 5%	$ 1,158.55
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$ 24,329.55

LABOR CHARGES (Page 1)	$ -
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$ 24,329.55
TOTAL BILLING	**$ 24,329.55**

AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR
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2323 N. Roemer Road
Appleton, WI 54911
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Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

5.16.25

11

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: GBMSD North clarifier rehab/ 74623
Description: RFP-023 Primary and final scum baffle mods (trim baffle brackets)

Our change order price and breakdown follows:

August Winter

Material		$	-
Labor**	144 hrs	$	18,367
Direct Costs		$	-
Subtotal		$	18,367
Overhead		$	2,755
Subsistence		$	-
Total		**$**	**21,122**

Equipment

Total Equipment Costs	$	1,782
Equipment Markup	$	267
Total Equipment Costs w/overhead	**$**	**2,049**

Subcontracts

Total Subcontractor Costs	$	-
Subcontractor Markup	$	-
Total Subcontractor Costs w/overhead	**$**	**-**
Total AWS/Subcontractor Costs	$	23,171
Profit/Bond	$	-

Change Order Total..... $ 23,171

Time extension required is 9 days. This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions:

Jason Knops

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

August Winter Sons, Inc.

Change Order/Small Projects Report

Project/Job#: GBMSD North clarifier rehab/ 74623 **Date: 5.16.25**

Description: RFP-023 Primary and final scum baffle mods (trim baffle brackets)

MATERIAL

Material Credit w/restocking		0.00
Material ADD		$ -
Sales Tax	5.5%	$ -

Material Subtotal $ -

LABOR

General Foreman Hours	0.00	@	$ -	$ -
Foreman Hours	24.00	@	$ 131.48	$ 3,155.52
Field Plumber/Fitter Hours - REG	120.00	@	$ 126.76	$ 15,211.20
Field Plumber/Fitter Hours - OT	0.00	@	$ -	$ -
Field Tinner Hours - REG	0.00	@	$ -	$ -
Field Tinner Hours - OT	0.00	@	$ -	$ -
Shop Hours	0.00	@	$ 126.76	$ -
Operator Hours	0.00	@	$ -	$ -

Labor Subtotal $ 18,367

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	0.0% of Labor	$ -

Subtotal $ -

Subtotal Contractor Costs		$ 18,367
Overhead	15.0%	$ 2,755
Subsistence		$ -
Total Contractor Costs		$ 21,122

Equipment

scissors lift	3.00	weeks @	$ 594.00	$ 1,782.00	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	
	0.00	weeks @	$ -	$ -	Subtotal $ 1,782

Equipment Overhead	15.0%	$ 267
Subtotal Equipment Costs		$ 2,049

SUBCONTRACTS

.....		$ -
.....		$ -
.....		$ -
.....		$ -

Total Subcontractor Costs		$ -
Subcontractor Overhead	10.0%	$ -
Subtotal Subcontractors Costs		$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs		$ 23,171
Profit	0.0%	$ -
Bond	0.0%	$ -
Total Amount Of Change		**$ 23,171**

Time extension required is **9** days. This quotation based upon acceptance within **30** days.

Exclusions:

NOTE: This change order does not address impact costs on base contract.

APPENDIX 10

WORK CHANGE DIRECTIVE NO. 036

Owner:	Green Bay Metropolitan Sewerage District	Owner's Project No.:	18-020-CO
Engineer:	Donohue & Associates, Inc.	Engineer's Project No.:	14324
Contractor:	Lunda Construction, Co.	Contractor's Project No.:	16099600
Project:	North Plant Clarifier Rehabilitation Project		
Contract Name:			
Date Issued:	June 4, 2025	Effective Date of Work Change Directive:	June 4, 2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Lower Scum Ports the Primary Clarifier 3, and Final Clarifiers 1 and 6 feedwells such that the bottom of the scum ports are 4in below the average water level.

Attachments:

RFP 022 – Primary and Final Clarifier Scum Port Modifications

Contractor Pricing for RFP 022

Purpose for the Work Change Directive:

Plant Staff did not realize during Design Workshops nor shop drawing review how far below average water level the bottom of the scum ports would be located. The clarifier manufacturer's recommendation was 2in; however, based on experience the Plant preferred an additional 2in such that the bottom of the scum port opening would be a total of 4in below the average water level. As noted in attached RFP 022, lowering the port the initial 2in below the average water level was addressed in Primary Clarifier 3, and Final Clarifier 1 and 6, but lowering the ports an additional 2in in these three clarifiers will be rework. The Contractor will lower the scum ports in the remaining seven clarifiers the additional 2in for a total of 4in under work already associated with the initial 2in scum port lowering.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☑Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: $7,072.61 **increase**

Contract Time: 2 days **increase**

Basis of estimated change in Contract Price:

☑Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

	Recommended by Engineer	Authorized by Owner
By:		
Title:	Contract Administrator – Allen Howe	Staff Engineer
Date:	June 4, 2025	6/5/25

SPEED LETTER

DONOHUE
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

DATE: May 4, 2025

TO: Mr. Adam Gerondale
Lunda Construction Co.
W2332 Crosstown Road
Hilbert, WI 54129
Phone: 920.9853.3522

CONTRACT: GBMSD Green Bay Facility
North Plant Clarifier Rehabilitation Project
New Water Project No. 18-020-CS

DONOHUE PROJECT NO: 14324

MESSAGE: **Request for Proposal 022: Primary and Final Clarifier Scum Port Modifications**

Adam,

This Request for Proposal (RFP) is being prepared in response to recent Owner discussions concerning the depth of the Scum Ports for both the Primary and Final Clarifiers based on observations after new Primary Clarifier 3 and Final Clarifier 5 were put into service.

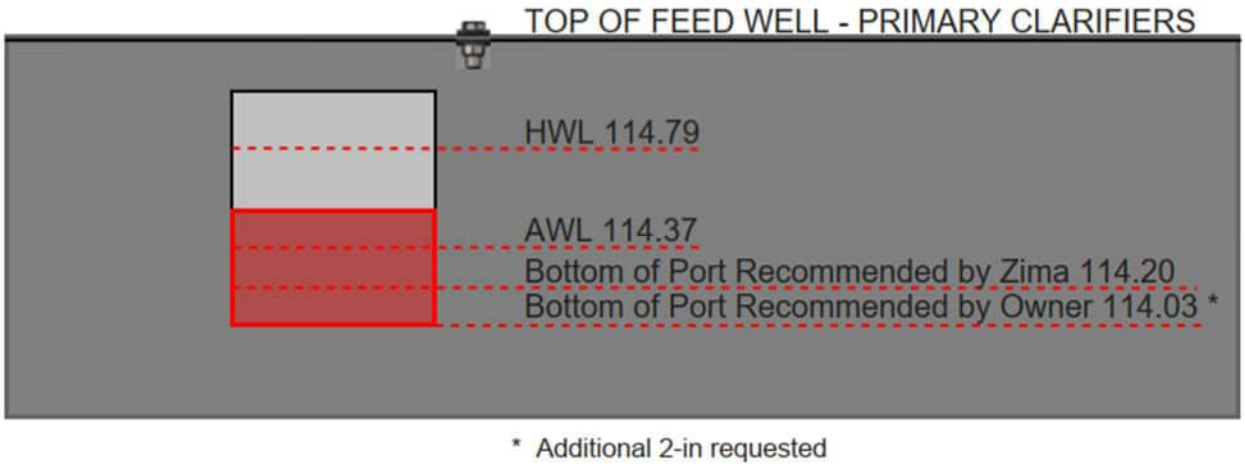
The following is a summary of the history leading up to this RFP. When freeze water was added to Primary Clarifier 3 and Final Clarifier 5 prior to startup, it was realized the bottom of the Scum Ports would not be below the Average Water Level during clarifier operation. Without involving the Owner, it was agreed upon between the clarifier manufacturer and Engineer that the cost of lowering the Scum Ports would be a shared cost. Therefore, the Scum Port openings for Primary Clarifier 3 and Final Clarifier 5 were lowered 2-in below the Average Water Level, per clarifier manufacturer's recommendation, and replacement Scum Port Baffles were provided accordingly to accommodate lowering of the Scum Ports. Work associated with lowering the remaining ten clarifier Scum Ports and extending the Scum Port Baffles would also be cost shared between the clarifier manufacturer and Engineer. No impact to the Owner.

Unfortunately, feedback from the Owner to lower the Scum Port openings an additional 2-inches did not occur until several weeks after the startup of Primary Clarifier 3 and Final Clarifier 5 when observations were made, but also after the installation of Final Clarifier 1 Influent Feedwell. While the clarifier manufacturer and Engineer covered the costs of lowering the Scum Ports and extending the Scum Port Baffles for all clarifiers to the level recommended by the clarifier manufacturer, there will be added labor costs to lower the Scum Ports the additional 2-inches requested on the three new clarifiers currently installed. Concerning the Scum Port Baffles, as they are already fabricated for all twelve clarifiers and onsite, there is minimal benefit to extending the baffle an additional 2-in, for a total of approximately 4-in of submergence below the average water level, and therefore, will remain extended to approximately 2-in below the average water level.

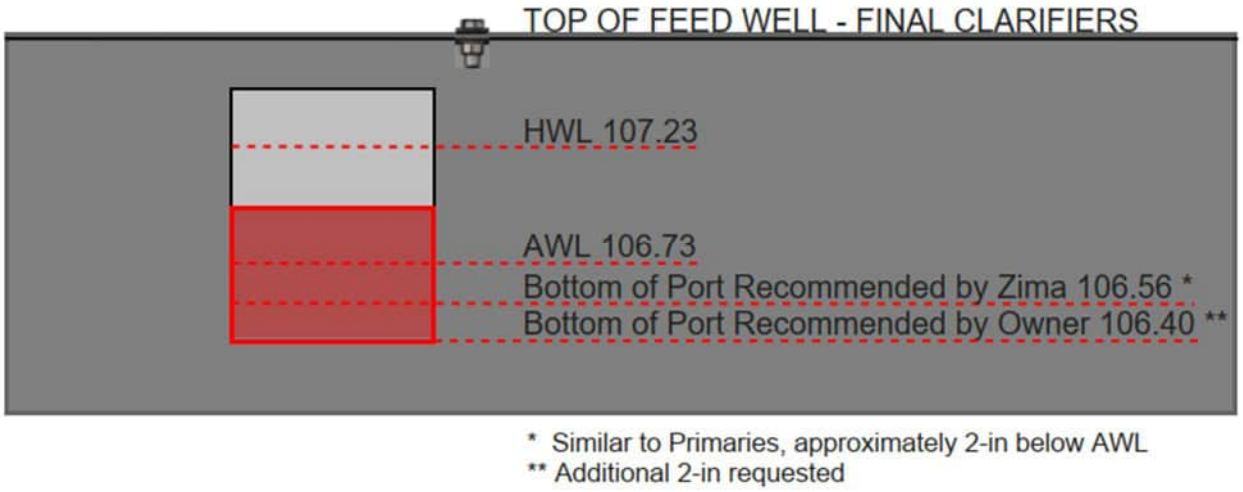
Please provide a detailed cost proposal to make the following changes to work in the project:

1. Work associated with this item is No Cost to the Owner as costs have already been covered by the clarifier manufacturer and Engineer. Cut Scum Ports for Primary Clarifier 1, 2 and 4 an additional 2-in below clarifier manufacturer's recommendation of 2-in below AWL, such that the

bottom of the Scum Ports will be approximately 4-in below the Average Water Level, to the elevation recommended by the Owner noted in the following sketch:



2. Deepen Scum Port openings in Primary Clarifier 3 approximately 2-in more to elevation recommended by Owner noted in sketch in Item 1 above.
3. Work associated with this item is No Cost to the Owner as costs have already been covered by the clarifier manufacturer and Engineer. Cut Scum Ports for Final Clarifier 2, 3, 4, 6, 7 and 8 an additional 2-in below clarifier manufacturer's recommendation of 2-in below AWL, such that the bottom of the Scum Ports will be approximately 4-in below the Average Water Level, to the elevation recommended by the Owner noted in the following sketch:



4. Deepen Scum Port openings in Final Clarifier 1 and 5 approximately 2-in more to elevation recommended by Owner noted in sketch in Item 3 above.
5. As previously performed when Scum Ports were deepened on Primary Clarifier 3 and Final Clarifier 1 and 5, continue to use a template to produce straight edges aligned with existing port dimensions and debur the edges.
6. Provide in accordance with the Contract Documents.

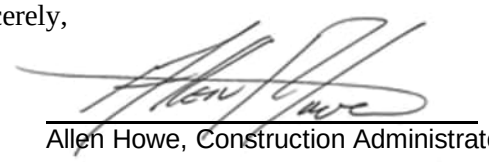
Please provide a detailed cost proposal for this work—including labor hours, cost of labor, subcontractor costs (also broken down into labor hours, labor cost, material costs) and supporting vendor pricing information.

SPEED LETTER – RFP 022
05/04/25

Attachments: None.

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By: 
Allen Howe, Construction Administrator

Lunda Construction Company

P.O. Box 669, Black River Falls, WI 54615

ADDITIONAL PAYMENT REQUEST

Date: 5/16/2025
Lunda Job No.: 16099600

TO:
Allen Howe
Donohue & Associates
3311 Weeden Creek Road
Sheboygan, WI 53081

Project No. 18-020-CO
Project: GBMSD North Plant Clarifier Rehabilitation Project
Description of Work: Issue 35 - RFP 022 Primary and Final Clarifier Scum Port Modifications

Following is a cost summary of extra work performed on this project:

Total Materials Expense	$	-
Total Labor Expense*	$	-
Total Equipment Expense	$	-
Total Subcontract Expense	$	7,023.45
Subtotal	$	7,023.45
Bond 0.70 % of $ 7,023.45	$	49.16
Total (Computation Sheets Attached)	$	7,072.61

It is anticipated that this work will require a time extension of 2 days

LUNDA CONSTRUCTION COMPANY

Approved By:_____ Date:_____

Owner Approval:_____ Date:_____

LUNDA CONSTRUCTION COMPANY - SPECIALTY SERVICES
W2332 Crosstown Road- Hilbert, WI 54129 - 920-853-3522

GENERAL INFORMATION

WEEK ENDING:

COMPLETE DESCRIPTION OF WORK PERFORMED

	JOB NUM	ACCT NUM
BACK CHARGE:		
SMALL PROJECT:		
CHANGE ORDER:		
AUTHORIZED BY:		
FIELD PREPARED:		
WORK DONE BY/FOR		
CONTRACTOR:		
OWNER:		
SUBCONTRACTOR:		
INTERNAL NO.		

LABOR

EMPLOYEE NAME	CRAFT	TYPE	TOTAL	RATE	EXTENSION
Superintendent		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Foreman		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Operator		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Carpenter		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
Labor		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
		REG	0.00		$ -
		OT	0.00		$ -
		DT	0.00		$ -
				Labor Subtotal	$ -
				Contractors Fee 15%	$0.00
				TOTAL LABOR CHARGES *	$ -

* Labor rate may include different trades with straight and premium time.

EQUIPMENT/MATERIALS/3RD PARTY RENTALS/SUBCONTRACTS

SUPPLIER	REFERENCE	DESCRIPTION AND QUANTITY		AMOUNT
OWNED EQUIPMENT:				
		Owned Equipment Subtotal	$	-
		Contractors Fee 0%	$	-
RENTAL EQUIPMENT:				
		Rental Equipment Subtotal	$	-
		Contractors Fee 15%	$	-
MATERIAL:				
		Material Subtotal	$	-
		Contractors Fee 15%	$	-
SUBCONTRACTOR:				
August Winters & Sons			$	6,689.00
		Subcontractor Subtotal	$	6,689.00
		Contractors Fee 5%	$	334.45
		TOTAL EQUIPMENT & 3RD PARTY RENTALS, MATERIALS & SUBCONTRACTS CHARGES	$	7,023.45

LABOR CHARGES (Page 1)	$	-
EQUIPMENT, MATERIAL, 3RD PARTY RENTAL & SUBCONTRACT CHARGES (Page 2)	$	7,023.45
TOTAL BILLING	**$**	**7,023.45**

AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR
www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

5.16.25

9

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: GBMSD North clarifier rehab/ 74623
Description: RFP-022 primary and final scum port mods in primary clarifier 3, finals 1 and 5.

Our change order price and breakdown follows:

August Winter

Material		$	-
Labor**	36 hrs	$	4,601
Direct Costs		$	-
Subtotal		$	4,601
Overhead		$	690
Subsistence		$	-
Total		**$**	**5,291**

Equipment

Total Equipment Costs	$	1,215
Equipment Markup	$	182
Total Equipment Costs w/overhead	**$**	**1,397**

Subcontracts

Total Subcontractor Costs	$	-
Subcontractor Markup	$	-
Total Subcontractor Costs w/overhead	**$**	**-**
Total AWS/Subcontractor Costs	$	6,689
Profit/Bond	$	-

Change Order Total..... $ 6,689

Time extension required is 2 days. This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions:

Jason Knops

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

August Winter Sons, Inc.
Change Order/Small Projects Report

Project/Job#: GBMSD North clarifier rehab/ 74623 **Date: 5.16.25**

Description: RFP-022 primary and final scum port mods in primary clarifier 3, finals 1 and 5.

MATERIAL

Material Credit w/restocking	.....		0.00	
Material ADD	.....		$ -	
Sales Tax	5.5%		$ -	
			Material Subtotal	$ -

LABOR

General Foreman Hours	0.00	@	$ -	$ -	
Foreman Hours	8.00	@	$ 131.48	$ 1,051.84	
Field Plumber/Fitter Hours - REG	28.00	@	$ 126.76	$ 3,549.28	
Field Plumber/Fitter Hours - OT	0.00	@	$ -	$ -	
Field Tinner Hours - REG	0.00	@	$ -	$ -	
Field Tinner Hours - OT	0.00	@	$ -	$ -	
Shop Hours	0.00	@	$ 126.76	$ -	
Operator Hours	0.00	@	$ -	$ -	
				Labor Subtotal	$ 4,601

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	0.0% of Labor	$ -	
		Subtotal	$ -
		Subtotal Contractor Costs	$ 4,601
		Overhead 15.0%	$ 690
		Subsistence	$ -
		Total Contractor Costs	$ 5,291

Equipment

scissors lift	5.00	days	@	$ 243.00	$ 1,215.00	
	0.00	days	@	$ -	$ -	
	0.00	days	@	$ -	$ -	
	0.00	days	@	$ -	$ -	
	0.00	days	@	$ -	$ -	
	0.00	days	@	$ -	$ -	Subtotal $ 1,215

Equipment Overhead	15.0%	$ 182
Subtotal Equipment Costs		$ 1,397

SUBCONTRACTS

	.....	$ -
	.....	$ -
	.....	$ -
	.....	$ -

Total Subcontractor Costs		$ -
Subcontractor Overhead	10.0%	$ -
Subtotal Subcontractors Costs		$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs		$ 6,689
Profit	0.0%	$ -
Bond	0.0%	$ -
Total Amount Of Change		**$ 6,689**

Time extension required is **2** days. This quotation based upon acceptance within **30** days.

Exclusions:

NOTE: This change order does not address impact costs on base contract.

Work Completed

GBMSD
NORTH PLANT CLARIFIER REHABILITATION
CHANGE ORDER SUMMARY SHEET
NEW Water PROJECT 18-020-CO
CWFP Project No. 4198-57
Donohue PROJECT 14324
updated: June 13, 2025

		Original Contract Amount	**34,314,529.00**

Status - Executed 2024 10-23, Approved by WDNR 2025 01-16

	Change Order 1	**Authorization**	**Amount ($)**
Item 1	Delete Bid Items 5 & 6 - Remove and replace concrete topping at Primary and Final Clarifier Tanks	executed 2024 10-23	(1,907,400.00)
	Total		**(1,907,400.00)**
	Total Change to Contract Amount		**(1,907,400.00)**
	Original Contract Amount		34,314,529.00
	Adjusted Contract Amount		**32,407,129.00**

Status - Executed 2024 12-04, Approved by WDNR 2025 04-17

	Change Order 2	**Authorization**	**Amount ($)**
Item 1	WCD 001 - Project Funding Sign	WCD executed 2024 02-20	3,283.02
Item 2	WCD 002 - Chain Link Fence Modifications	WCD executed 2024 03-05	(3,314.79)
Item 3	WCD 003 - Delete Seal Water & Mech Seals, & Provide Flushless Seals for Final Scum Pumps	WCD executed 2024 01-23	(19,201.48)
Item 4	WCD 005 - Delete Motor High Temperature Alarms and Modify Clarifier Local Control Stations	WCD executed 2024 03-15	(4,106.80)
Item 5	WCD 006 - Non-Destructive Thickness Testing of Primary Clarifier 3 CS Influent Pipe	WCD executed 2024 06-28	741.02
Item 6	WCD 007 - Provide Extra Brackets for Mounting Retrieval SRL to Safety Davits	WCD executed 2024 07-09	473.30
Item 7	WCD 008 - Benchmark Survey	WCD executed 2024 07-15	2,490.82
Item 8	WCD 009 - Scum Pipe Modifications - add 8x6 reducers	WCD executed 2024 08-02	16,155.25
Item 9	WCD 010 - Primary Clarifier Influent Pipes Infill Coating	WCD executed 2024 08-02	18,533.23
Item 10	WCD 011 - Adder - RFI 015 - Provide Ericksons at Clarifier Bridges per Owner Request	WCD executed 2024 08-02	13,654.39
Item 11	WCD 013 - (RFP 012R1) - Primary Clarifier 3 Concrete Floor Rehab	WCD executed 2024 10-31	90,697.82
Item 12	WCD 015 - Concrete Launder Modifications	WCD executed 2024 10-24	18,811.34
Item 13	WCD 016 - Additional Electrical Work Along Primary Clarifiers	WCD executed 2024 10-04	52,510.40
Item 14	WCD 017 - (RFP 013) - Primary Clarifier 3 Scum Baffle Support Repairs	WCD executed 2024 10-31	7,518.83
	Total		**198,246.35**
	Total Change to Contract Amount to Date including this Change Order		**(1,709,153.65)**
	Original Contract Amount		34,314,529.00
	Adjusted Contract Amount		**32,605,375.35**

Status - Sent to Contractor for Review 2025 06-09

	Change Order 3	**Authorization**	**Amount ($)**
Item 1	WCD 014 - Modify Unit Price Bid Item 13 to allow eitther PC or FC vertical Exp Jt repairs	WCD executed 2024 08-08	0.00
Item 2	WCD 018 - Additional Unit Prices for various repair depths to Unit Price Bid Item 4	WCD executed 2025 06-03	0.00
Item 3	WCD 019 - RFI 032 - Provide Sealant in lieu of Emseal for Aeration Basin expansion joints	WCD executed 2025 06-09	0.00
Item 4	WCD 022 - (RFP 009) - Secondary Clarifier Flushing Connections	WCD executed 2025 05-06	27,343.07
Item 5	WCD 024 - FC 1 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	8,217.43
Item 6	WCD 025 - FC 6 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	8,626.59
Item 7	WCD 026 - (RFP 025) - Install Final Clarifier Sludge Blanket Detector Controllers in Enclosures	WCD executed 2024 06-03	11,995.76
Item 8	WCD 027 - (RFP 024R1) - Primary and Final Clarifier Scum Beach Modifications	WCD executed 2025 06-09	70,199.20
Item 9	WCD 035 - (RFP 023) - Primary and Final Clarifier Scum Baffle Modifications - Lower only	WCD executed 2025 06-06	12,645.91
Item 10	WCD 036 - (RFP 022) - Primary and Final Clarifier Scum Port Modifications	WCD executed 2025 06-05	7,072.61
	Total		**146,100.57**
	Total Change to Contract Amount to Date including this Change Order		**(1,563,053.08)**
	Original Contract Amount		34,314,529.00
	Adjusted Contract Amount		**32,751,475.92**

Status - Pending

	Change Order 4	Authorization	Amount ($)
T&M	WCD 020 - (RFP 010) - FC 6 and 7 SEL Pipe Support Modifications	WCD executed 2025 04-29	79,050.55
	RFP 016 - Final Clarifier Heater Installation Modifications	Sent to Contr 2025 05-28	
T&M	WCD 012 - Primary Clarifier 3 Scum Pipe Relocation	WCD executed 2024 08-02	
T&M	WCD 023 - Remove Solidified Debris in Elbow Below FC 6 Center Pier	WCD executed 2025 05-06	
T&M	WCD 028 - FC 2 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 029 - FC 3 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 030 - FC 4 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 031 - FC 7 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 032 - FC 8 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 033 - FC 9 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
T&M	WCD 034 - FC 10 Removed Scum Baffle Support Beam Wall Repair	WCD executed 2025 06-05	
	WCD 037 - (RFP 014R1) - Additional Shade Cloth Supports within FC 5, 6 and 7	Sent to Owner 2025 06-04	51,309.25
	RFP 0XX - Davit Crane Base and Ladder Member		
	RFP 0XX - Final Clarifier 8 Scum Pumping Piping Reconfiguration Around New SW Pipe		
	Total		**130,359.80**
	Total Change to Contract Amount to Date including this Change Order		**(1,432,693.28)**
	Original Contract Amount		34,314,529.00
	Adjusted Contract Amount		**32,881,835.72**

Status - Processed after WCD 004R1 is complete

	Change Order (FUTURE)	Authorization	Amount ($)
Item 1	Base Bid (Type II) Material and Equipment Selection		(364,000.00)
T&M	WCD 004 - Prim & Final Pump Suction Piping Supports and Final Pump Concrete Base Mods	WCD executed 2024 06-27	207,640.59
	Total		**(156,359.41)**
	Total Change to Contract Amount to Date including this Change Order		**(1,589,052.69)**
	Original Contract Amount		34,314,529.00
	Adjusted Contract Amount		**32,725,476.31**

DNP

RFP 008 - Final Scum Pump Adjustable to Fixed Speed Sheaves
RFP 015 - Final Scum Pump Speed Change
RFP 023b - Primary and Final Clarifier Scum Baffle Modifications - Trim Exposed Tabs

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nathan Qualls

FROM: Lisa Sarau

DATE: June 12, 2025

SUBJECT: Sewer Plan Approval

Background

The Village of Bellevue, the Village of Suamico, and the Village of Allouez have submitted requests for approval of sanitary sewer plans. Location maps are attached. The requests include the following:

Village of Bellevue Sanitary Sewer Plan Project #F-1795 – Stelor Acres Subdivision: GBMSD Request #2025-15. The Village of Bellevue project is intended to serve 16.7 acres of residential development. Ultimately, the sewers in this development are intended to serve approximately 1,325 acres; the majority of this area is planned for future residential development. Flow from the development will be tributary to the East Tower Drive Interceptor. NEW Water planning documents indicate that this area is proposed to discharge through the East Tower Drive system.

Village of Suamico Sanitary Sewer Plan Project #C-9313 – Zen Way Construction – Chambers Hill Farm Condominiums; GBMSD Request #2025-16. The Village of Suamico project is intended to serve 1.7 acres of condominium / residential development. The proposed sewer is not intended to serve anything besides the condominium development; therefore, the ultimate service area for the proposed sewer is also 1.7 acres. Flow from the development will be tributary to the Bayview Interceptor. NEW Water planning documents indicate that this area is proposed to discharge through the Bayview Interceptor system.

Village of Allouez Sanitary Sewer Plan Project #M19191 – Haven Way Condominiums; GBMSD Request #2025-17. The Village of Allouez project is intended to serve 10.8 acres of residential development. The proposed sewer is not intended to serve anything besides the condominium development in the future; therefore, the ultimate service area for the proposed sewer is also 10.8 acres. Flow from the development will be tributary to the East River Interceptor. Recent planning for the East River Interceptor included serving this area in Allouez.

Recommendation

Staff recommends Commission approval of the Village of Bellevue, Village of Suamico, and Village of Allouez plans for the proposed sewers to serve land located within NEW Water. This approval is subject to favorable approval recommendations from Brown County Planning and final approval by the WDNR.

Commission Action

Request Commission approval of the Village of Bellevue, Village of Suamico, and Village of Allouez sewer plans.

STELOR ACRES SUBDIVISION

STREET AND UTILITY IMPROVEMENTS

VILLAGE OF BELLEVUE, WISCONSIN

OWNER(S):

MOSKI CORP.
CONNOR KOSMOSKI
1270 MAIN STREET
GREEN BAY, WI 54302
920-432-9230

ENGINEER:

VIERBICHER
DAN PERRY, P.E.
400 SECURITY BLVD
GREEN BAY, WI 54313
608-821-3940
DPER@VIERBICHER.COM

G. B. M. S. D. PLAN APPROVAL

REQUEST NO. GBMSD #2025-15

PROJECT NO. Village of Bellevue #F-1795

EXAMINED BY R. REINHART DATE 5/21/25

APPROVED BY G.B.M.S.D. COMMISSION

MOTION NO. ---- DATE ----

SHEET NO.	DESCRIPTION
C001	TITLE SHEET
C002-003	GENERAL NOTES & LEGENDS
C004	TYPICAL SECTIONS
C101	EXISTING CONDITIONS & DEMOLITION PLAN
C102	OVERALL SITE PLAN
C200-204	GRADING AND EROSION CONTROL PLANS
C205	INTERSECTION SPOT ELEVATIONS
C206-207	STORMWATER BASIN DETAILS
C301	SHEET INDEX - STORM
C302-305	STELOR DRIVE PLAN AND PROFILES
C306	LONDON ROAD PLAN AND PROFILE
C307	SERVANT WAY PLAN AND PROFILE
C308-310	STORM SEWER PLAN AND PROFILES
C401	SHEET INDEX - WATER / SANITARY
C402-405	STELOR DRIVE PLAN AND PROFILES
C406	LONDON ROAD PLAN AND PROFILE
C407	SERVANT WAY PLAN AND PROFILE
C501-503	STANDARD CONSTRUCTION DETAILS
C801-814	STREET CROSS SECTIONS

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

WISCONSIN
DANIEL N. PERRY
E-46857
MADISON
WI
PROFESSIONAL ENGINEER
5/15/25

NOT FOR CONSTRUCTION

vierbicher
planners | engineers | advisors

TITLE SHEET
STELOR ACRES SUBDIVISION
VILLAGE OF BELLEVUE
BROWN COUNTY, WISCONSIN

REVISIONS			
NO.	DATE	REMARKS	
1	02/14/25	BID SET	
2	03/27/25	VILLAGE REVIEW 1	
3	04/03/25	VILLAGE REVIEW 2	

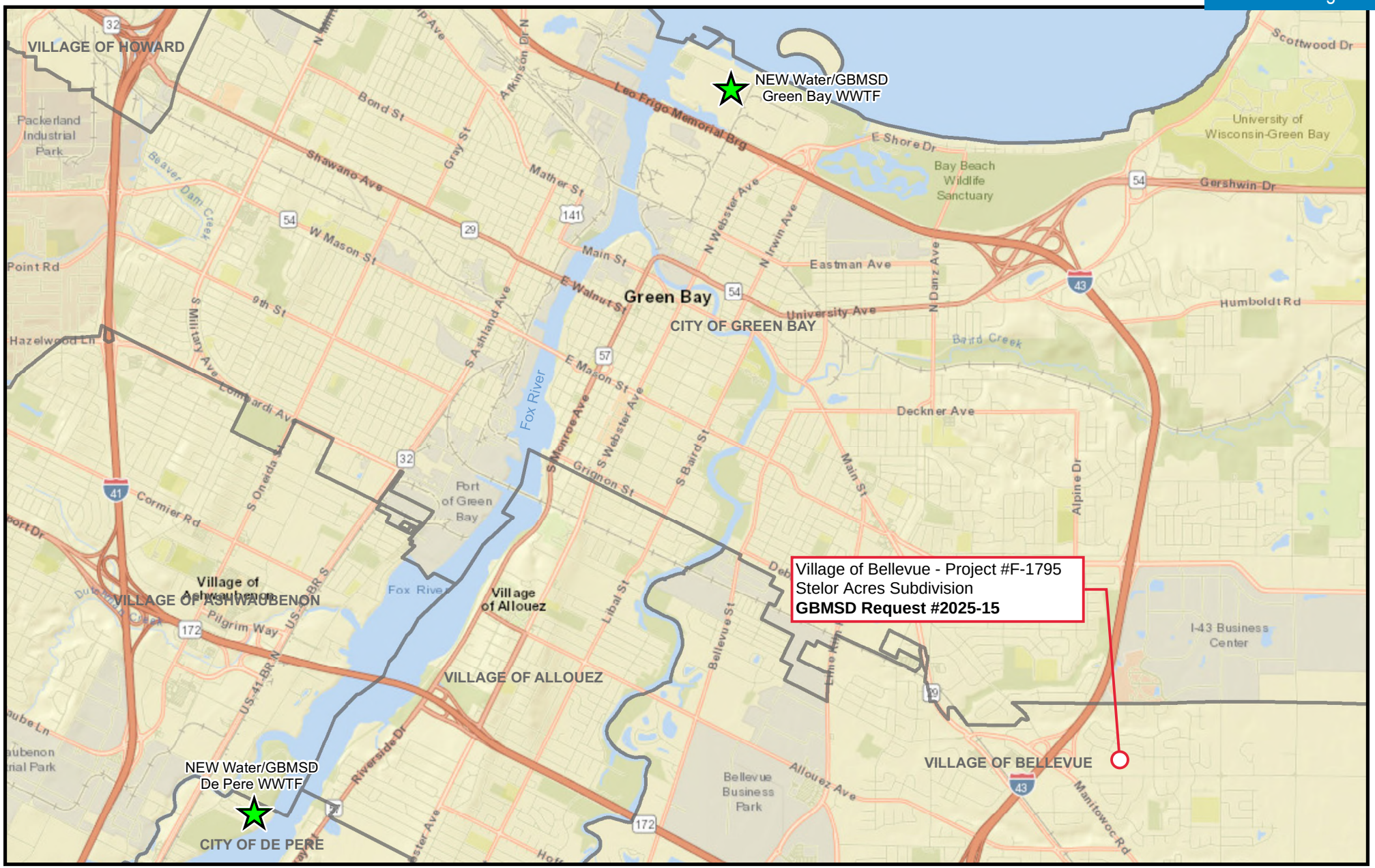
DATE 04/03/2025
DRAFTER DPER
CHECKED ----
PROJECT NO. F-1795

C001

ETO

02 Apr 2025 - 3:13p G:\Projects\V-1795 Bellevue Whispering Hills Creek\dwg\V-1795_Basefrig_Corridor.dwg by: dper

Return to Agenda



LEGEND

Municipal Boundaries

June 2025

GBMSD Sewer Plan Approval Request Location

N
W E
S

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

ZEN WAY CONSTRUCTION

ROADWAY AND UTILITY IMPROVEMENTS

VILLAGE OF SUAMICO

WISCONSIN
DANIEL N. PERRY
E-46857
MADISON
WI
PROFESSIONAL ENGINEER
6-3-2025

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

G. B. M. S. D. PLAN APPROVAL
REQUEST NO. GBMSD #2025-16
PROJECT NO. VILLAGE OF SUAMICO #C-9313
EXAMINED BY R. REINHART DATE 6/4/25
APPROVED BY G.B.M.S.D. COMMISSION
MOTION NO. ____ DATE ____

PROJECT INFORMATION

OWNER(S):
S SONNABEND PROPERTIES LLC

PROJECT NAME:
ZEN WAY CONSTRUCTION
CHAMBERS HILL FARM CONDOMINIUMS

PROJECT DESCRIPTION:
ROADWAY AND UTILITY IMPROVEMENTS TO ACCOMODATE 17 CONDO UNITS

PROJECT LOCATION:
ZEN WAY

PARCEL NUMBER(S):
SU-3022

CONTACT INFORMATION

OWNER(S):
SCOTT SONNABEND
S SONNABEND PROPERTIES LLC
2795 STONE CREEK CIR
SUAMICO, WI 54313
PH: 920-737-4954
EMAIL: scottsonnabend@gmail.com

ENGINEER:
VIERBICHER
DAN PERRY, PE
400 SECURITY BLVD
GREEN BAY, WI 54313
PH: 920-434-9670
DIR: 608-821-3940
EMAIL: dper@vierbicher.com

SHEET NO.	DESCRIPTION
C000	TITLE SHEET
C001	TYPICAL SECTIONS
C101	EXISTING CONDITIONS
C201	SITE PLAN
C202-203	GRADING & EROSION CONTROL PLAN
C301	OVERALL UTILITY PLAN
C302-304	ZEN WAY PLAN & PROFILE
C501-505	CONSTRUCTION DETAILS
C801-805	CROSS SECTIONS

vierbicher
planners engineers advisors

TITLE SHEET
ZEN WAY CONSTRUCTION - CHAMBERS HILL FARM CONDOMINIUMS
VILLAGE OF SUAMICO
BROWN COUNTY, WI

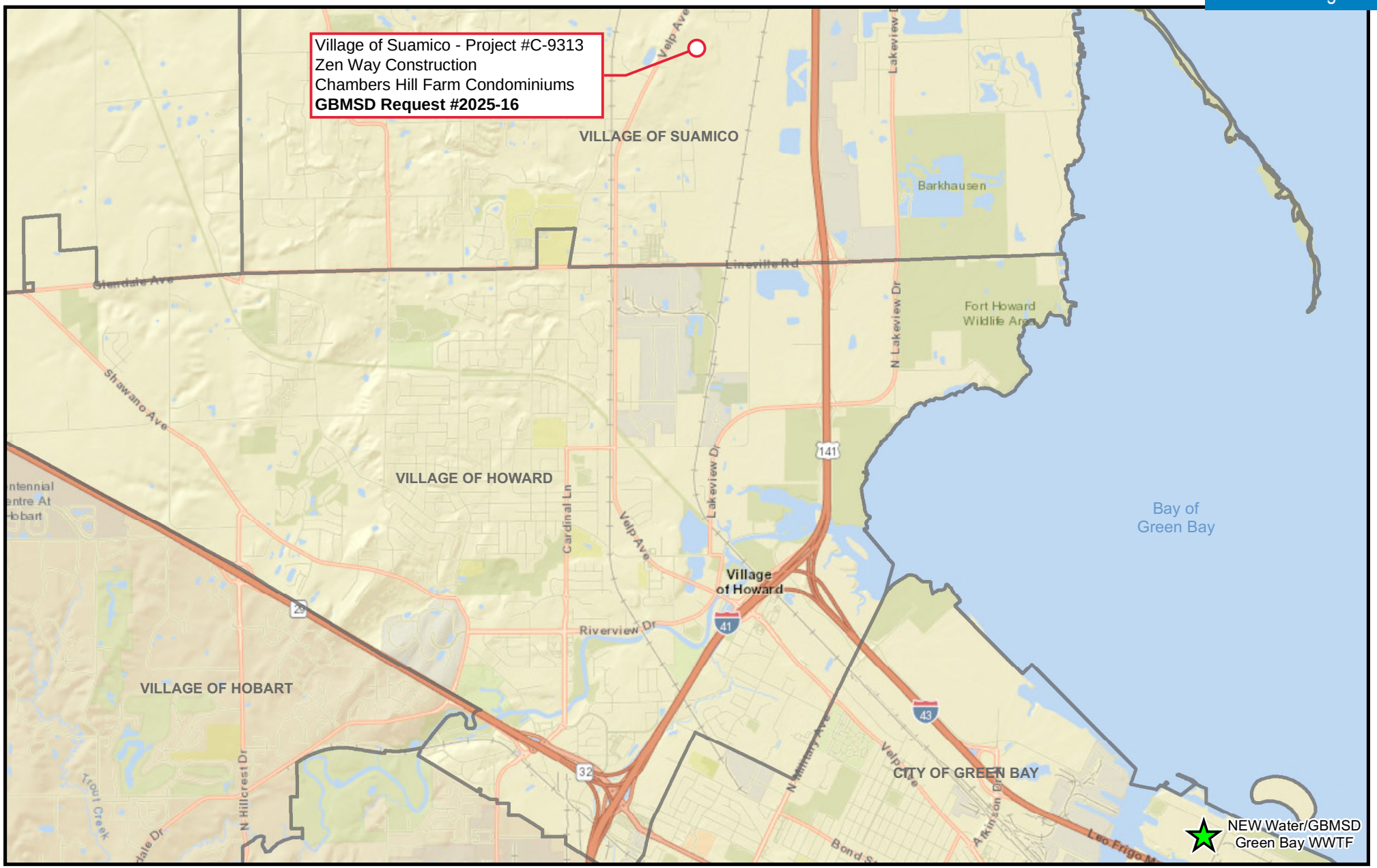
REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

DATE 04/21/2025
DRAFTER DPER
CHECKED ----
PROJECT NO. C-9313

C000

Return to Agenda



LEGEND

Municipal Boundaries

June 2025

GBMSD Sewer Plan Approval Request Location

N W E S

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

HAVEN WAY CONDOMINIUMS

PLANNED DEVELOPMENT DISTRICT

VILLAGE OF ALLOUEZ

Vicinity Map
(not to scale)

G. B. M. S. D. PLAN APPROVAL
REQUEST NO. GBMSD #2025-17
PROJECT NO. VILLAGE OF ALLOUEZ #M-19191
EXAMINED BY P.REINHART DATE 6/4/25
APPROVED BY G.B.M.S.D. COMMISSION
MOTION NO. ---- DATE

SITE STATISTICS:
TOTAL AREA = 468,940 S.F.

PRE CONSTRUCTION
IMPERVIOUS AREA = 71,874 (15.3%)
GREEN SPACE = 397,066 S.F. (84.7%)
FLOOR AREA RATIO = 4.5%

POST CONSTRUCTION
IMPERVIOUS AREA = 247,546 S.F. (52.8%)
GREEN SPACE = 221,394 S.F. (47.2%)
FLOOR AREA RATIO = 26.1%

PROJECT INFORMATION

OWNER(S):	HAVEN WAY CONDOMINIUM
PROJECT NAME:	HAVEN WAY CONDOMINIUMS
PROJECT DESCRIPTION:	(2) ADDITIONAL 4 UNIT CONDOS, (1) ADDITIONAL 8 UNIT CONDO, (7) 2 UNIT CONDOS & (18) 1 UNIT CONDOS TO THE SITE WHICH HAS (2) EXISTING 8 UNIT CONDOS ALREADY CONSTRUCTED.
PROJECT ADDRESS:	1991 LIBAL STREET

CONTACT INFORMATION

OWNER(S):	HAVEN WAY PROPERTIES, LLC 3886 BIRCH HILL DR. GREEN BAY, WI 54313
ENGINEER:	VIERBICHER CONTACT: DAVID J. MEISTER, P.E. 400 SECURITY BOULEVARD GREEN BAY, WI 54313 (920) 434-9670

SHEET INDEX:

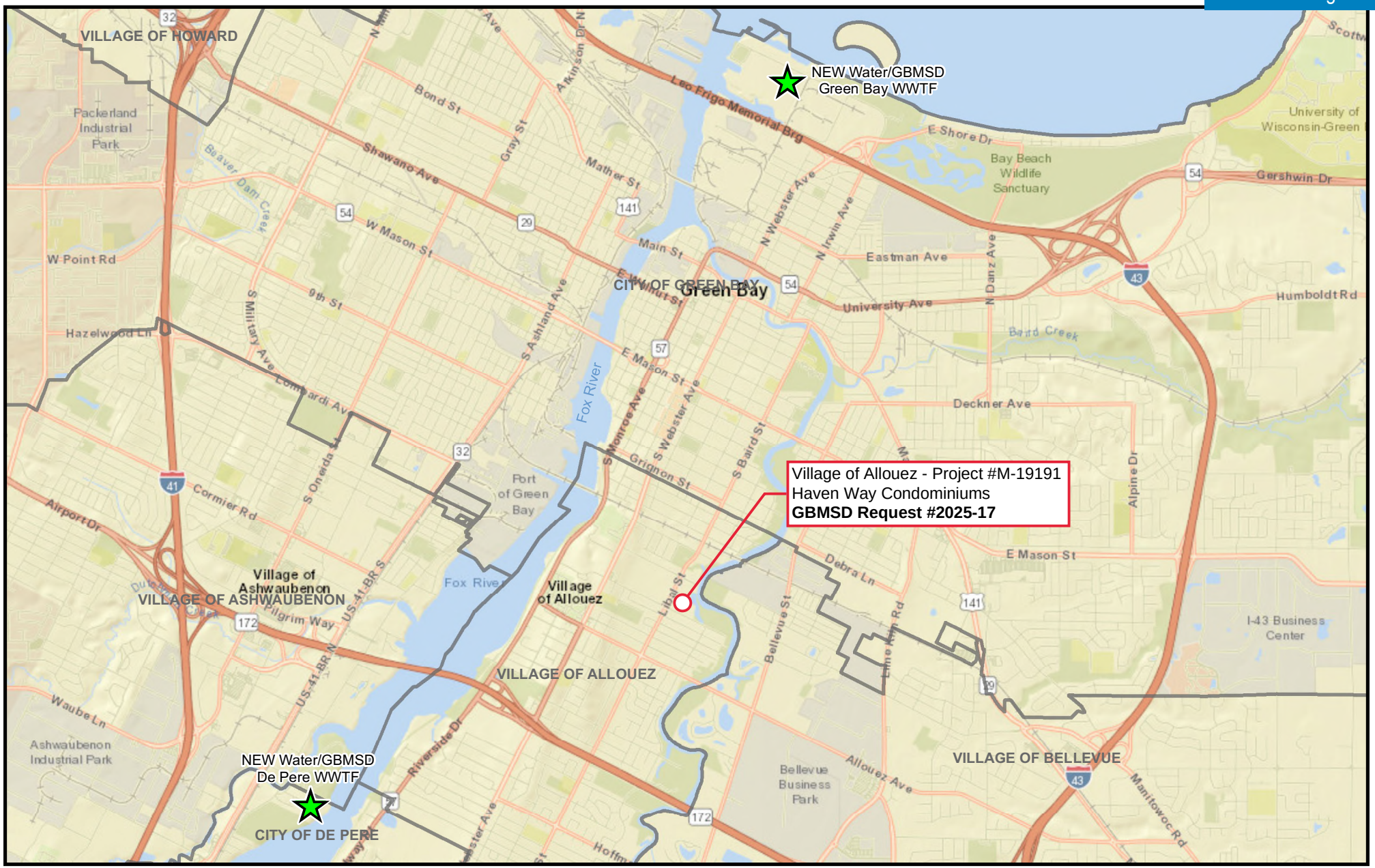
C1.0 TITLE SHEET
C2.0 EXISTING SITE
C3.0 SITE PLAN
C4.0 EROSION CONTROL PLAN
C5.0 DEMOLITION PLAN
C6.0 GRADING PLAN
C7.0 SITE UTILITY PLAN (OVERALL)
C7.1 - C7.4 SANITARY & WATER PLAN & PROFILES
C8.0 CURB & GUTTER PLAN
C9.0 - C9.1 NOTES & DETAILS
C10.0 - C10.2 VILLAGE OF ALLOUEZ SPECIFICATION
C11.0 - C11.2 VILLAGE OF ALLOUEZ CONSTRUCTION DETAILS

Vierbicher
LAND SURVEYING & PLANNING
CIVIL & WATER RESOURCE ENGINEERING
Phone: 920-434-9670 Fax: 920-434-9672

DATE: 06-03-25
PROJECT NO. M-19191
SHEET NO. C1.0
DRAWING NO. S-3832

ERI

Return to Agenda



LEGEND

Municipal Boundaries

June 2025

GBMSD Sewer Plan Approval Request Location

N
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S

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Monthly Construction Progress Report

Project Name: Green Bay Facility Service Water Replacement
Project Number: 210022CO
Report Number: 8
Reporting Period: 2/16/25 to 6/14/25
Project Manager: Robert Brown

Contractor: J.F. Ahern Co.

Contract Cost		**Contract Time**	
	Amount		Date
Original Contract Sum:	$ 4,455,000.00	Original Substantial Completion:	11/04/24
Net Change by Change Orders:	$ 194,522.26	Original Final Completion:	01/03/25
Contract Sum to Date:	$ 4,649,522.26	Revised Substantial Completion:	01/03/25
Total Complete and Stored to Date:	$ 4,635,470.19	Revised Final Completion:	03/03/25
Retainage:	$ 10,000.00		
Total Earned Less Retainage:	$ 4,625,470.19	**Contract Milestones**	
Previous Payments:	$ 4,510,223.93	Do milestones apply?	No
Balance to Finish with Retainage:	$ 139,298.33	If yes, list:	

Contract Contingency
Authorized Amount: $ 445,000.00 Amount Used: $ 194,522.26

Work Progress
Contract Budget Spent: 97% Contract Work Completed: 100%

Work Accomplished During Reporting Period
Water hammer and cavitation issues associated with strainer backwash piping were resolved. System piping was finalized, strainer shaft clearance adjustments by the vendor were completed, and system performance was evaluated. Concerns related to fibrous solids and plastics in the Service Water stream remained, prompting Engineer and Contractor investigation into potential secondary straining options prior to the flow control valve for the Waste Heat Exchanger. After months of study, it was determined that additional equipment wouldn't be installed as part of this project.

Work Scheduled for Next Reporting Period
Remaining punch list items will be addressed, a final change order will be issued to capture cost and time adjustments, and the project will be closed out.

Outstanding Issues
None

Issues Resolved
Secondary straining will not be included as part of this project.

Monthly Construction Progress Report

Project Name: GBF North Plant Clarifier Rehabilitation
Project Number: 18-020-CO
Report Number: 7
Reporting Period: 4/16/25 to 6/14/25
Project Manager: Robert Brown

Contractor: Lunda Construction

Contract Cost		**Contract Time**	
	Amount		Date
Original Contract Sum:	$ 34,314,529.00	Original Substantial Completion:	10/31/26
Net Change by Change Orders:	($ 1,709,153.65)	Original Contract Completion:	2/28/27
Contract Sum to Date:	$ 32,605,375.35	Revised Substantial Completion:	NA
Total Complete and Stored to Date:	$ 16,615,171.96	Revised Final Completion:	NA
Retainage:	$ 815,134.38		
Total Earned Less Retainage:	$ 15,800,037.58	**Contract Milestones**	
Previous Payments:	$ 15,323,583.57	Do milestones apply?	No
Balance to Finish with Retainage:	$ 17,281,791.78	If yes, list:	

Contract Contingency
Authorized Amount: $ 3,431,500.00 Amount Used: ($ 1,709,153.65)

Work Progress
Contract Budget Spent: 47% Contract Work Completed: 51%

Work Accomplished During Reporting Period
The manufacturer's investigation into the structural failure of the corner sweep mechanism is ongoing. Based on preliminary redesign efforts, NEW Water granted approval to return FC #5 to operation on a temporary basis to allow renovation of FC #6. Demolition is now complete in FC #6, and concrete launder construction is progressing. In the meantime, structural and mechanical work in FC #1 is nearing completion. Gates in the effluent feed channels for PC #3 and PC #4 were replaced. Coating and QC efforts resumed for clarifier components.

Work Scheduled for Next Reporting Period
Redesign efforts for final clarifier end trusses will be finalized, and new assemblies for FC #1, FC #5, and FC #6 will be delivered. FC #1 will be returned to service, allowing work on the next north side final clarifier to begin. Redesign efforts for primary clarifier end trusses will be prioritized to allow for repair of PC #3 and the timely start of work on PC #2. Gates in the effluent feed channels for PC #1 and PC #2 will be replaced.

Outstanding Issues
NEW Water, Donohue, and Lunda continue to emphasize the urgency of primary clarifier redesign efforts to minimize the need for cold weather construction or contract extension.

Issues Resolved
None.

FINAL CLARIFIER #5 – IN OPERATION

FINAL CLARIFIER #1 – STRUCTURAL AND MECHANICAL NEARLY COMPLETE

FINAL CLARIFIER #6 – PIPE SUPPORT MODIFICATIONS AND LAUNDER FORMING

Return to Agenda

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nathan Qualls

FROM: Courtney Mueller

DATE: June 16, 2025

SUBJECT: 2025 May Financial Statements

Please find attached the Financial Statements for your review.

Operating Revenues

- May's operating revenues were favorable to budget by $81K or 2%
- Year to date, total operating revenues were favorable for the budget by $265K or 1%

Operating Expenses

- May's operating expenses were favorable to budget by $308K or 12% from less expenditures than budgeted in contracted services, solid waste disposal and salaries and benefits.

- Year to date, total operating expenses were favorable to budget by $1.3M or 11% from less expenditures than budgeted in contracted services, salaries & benefits, and plant maintenance.

Net Income (Loss) (Operating Income adjusted by Non-Operating Revenue and Expenses)

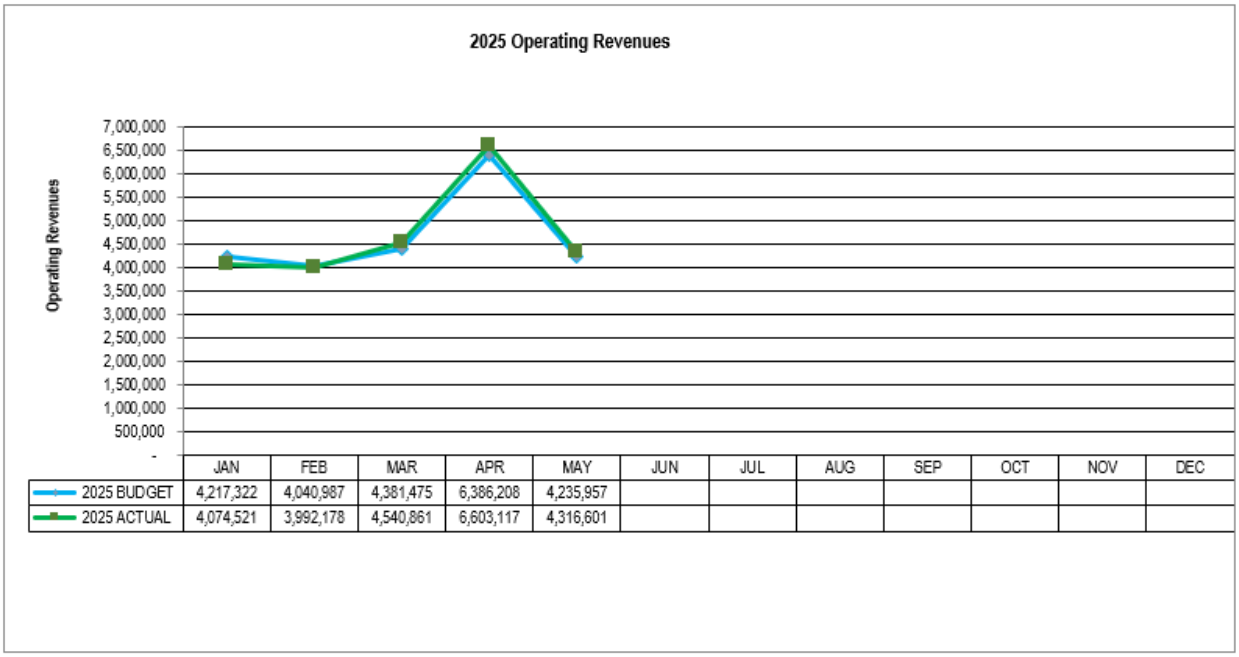
- Net Income for the month of May was $842K.
- Net Income year to date was $7.0M

Reporting and Information

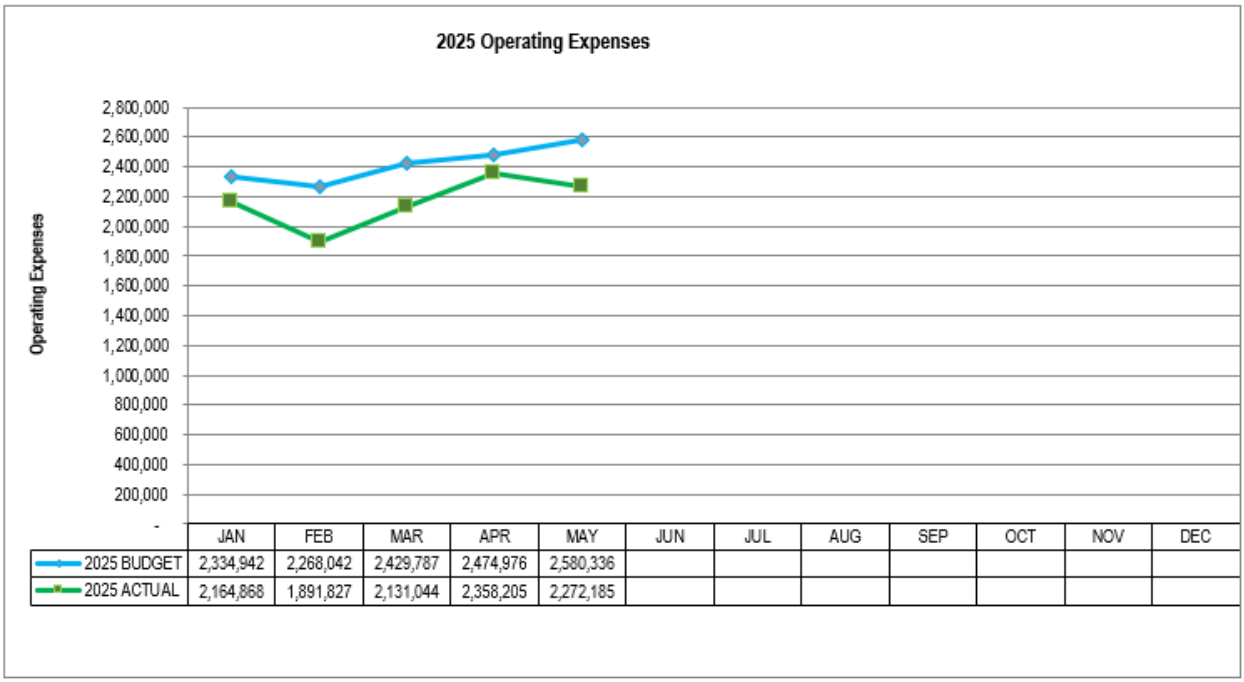
Following are the Operating Revenues and Expenses graphs; Income Statement, Statements of Net Position, and Legends are attached.

No Commission action is required.

NEW Water



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2025 BUDGET	4,217,322	4,040,987	4,381,475	6,386,208	4,235,957							
2025 ACTUAL	4,074,521	3,992,178	4,540,861	6,603,117	4,316,601							



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2025 BUDGET	2,334,942	2,268,042	2,429,787	2,474,976	2,580,336							
2025 ACTUAL	2,164,868	1,891,827	2,131,044	2,358,205	2,272,185							

Return to Agenda

NEW Water

Green Bay Metropolitan Sewerage District
INCOME STATEMENT

	May-25			Year to Date			
	Budget 2025	Actual 2025	Budget vs. Actual Favorable/ (Unfavorable)	Budget 2025	Actual 2025	Budget vs. Actual Favorable/ (Unfavorable)	Actual 2024
Operating Revenues							
User Fees - Municipal Waste	$ 3,881,157	$ 3,891,414	$ 10,257	$ 19,431,313	19,594,395	$ 163,082	$18,566,836
User Fees - Mill Waste	246,921	242,433	(4,488)	$ 3,227,950	$ 3,174,282	(53,668)	3,393,136
Other Revenues	107,880	182,754	74,875	$ 602,687	$ 758,601	155,914	$560,548
Total Operating Revenues	**$ 4,235,957**	**$ 4,316,601**	**$ 80,644**	**$ 23,261,949**	**$ 23,527,278**	**$ 265,328**	**$ 22,520,520**
			2%			1.14%	
Operating Expenses							
Salaries	$ 859,147	828,885	$ 30,263	$ 4,197,978	$ 3,995,584	$ 202,395	$ 3,919,950
Benefits	297,544	271,253	26,291	$ 1,400,333	$ 1,271,020	129,313	1,282,237
Employee Development	20,107	3,905	16,202	$ 102,380	$ 49,294	53,086	73,583
Travel and Meetings	20,496	6,988	13,508	$ 66,396	$ 33,931	32,465	37,441
Power	197,847	188,546	9,301	$ 1,002,191	$ 928,076	74,115	903,379
Natural Gas & Fuel Oil	55,729	27,031	28,698	$ 373,891	$ 342,323	31,567	359,334
Chemicals	185,209	212,550	(27,342)	$ 654,311	$ 690,893	(36,582)	575,802
Maintenance - Plant	172,559	191,644	(19,085)	$ 1,174,132	$ 1,037,782	136,350	1,052,234
Maintenance - Interceptors	16,708	20,198	(3,489)	$ 129,559	$ 105,816	23,744	65,884
Contracted Services	534,241	364,012	170,229	$ 1,830,174	$ 1,299,160	531,014	1,293,234
Insurance	47,047	46,272	776	$ 235,237	$ 231,713	3,524	223,429
Solid Waste Disposal	79,209	4,165	75,044	$ 174,432	$ 123,054	51,378	104,895
Administrative and Information Technology	50,415	60,028	(9,613)	$ 488,692	$ 438,187	50,504	441,305
Supplementary Expenses (See Legend)	44,078	46,709	(2,631)	$ 258,377	$ 271,295	(12,918)	232,319
Total Operating Expenses	$ 2,580,336	$ 2,272,185	$ 308,151	$ 12,088,083	$ 10,818,129	$ 1,269,953	$ 10,565,028
			12%			11%	
Operating Income	$ 1,655,622	$ 2,044,416	$ 388,794	$ 11,173,867	$ 12,709,148	$ 1,535,282	$ 11,955,493
			23%			14%	
Non-Operating Revenues and Expenses							
Investment Income	$ 155,000	$ 213,265	$ 58,265	$ 746,806	$ 1,295,098	$ 548,292	$ 1,192,976
Unrealized Gain/Loss on Investment	0	-	$ -	$ -	$ -	$ -	$ -
Amortization of Premium	0	-	$ -	$ -	$ -	$ -	$ -
Depreciation	$ (1,131,831)	$ (1,131,831)	$ -	$ (5,659,155)	$ (5,659,155)	$ -	(5,801,470)
Gain (Loss) on Disposal of Fixed Assets	0	-		$ -	$ -	$ -	15,000
Interest Expense	$ (291,694)	$ (284,141)	$ 7,553	$ (1,458,472)	$ (1,447,889)	$ 10,583	(1,449,361)
Misc Non-Operating Expenses	0	-	$ -	$ -	$ -	$ -	-
Total Non-Operating Revenues and Expenses	$ (1,268,525)	$ (1,202,708)	$ 65,818	$ (6,370,822)	$ (5,811,946)	$ 558,875	$ (6,042,855)
Net Income (Loss)	$ 387,096	$ 841,709	$ 454,612	$ 4,803,045	$ 6,897,202	$ 2,094,157	$ 5,912,637

Note: Please reference attached legends by categories.

NEW Water

Green Bay Metropolitan Sewerage District

Income Statement Legends per Categories

Operating Revenues:

User Fees - Municipal Waste:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen, Direct Charges
User Fees – Mill Waste:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen Direct Charges from Procter & Gamble, and Fox River Fiber
Capital and Direct Revenue Mills:	Capital and Debt Service Charges.
Other Revenues:	Excess Capacity Rental and Exceedance Surcharges, Discounts Permit Fees, Leases and miscellaneous revenues.

Operating Expenses:

Salaries:	Departmental, Pretreatment, Interceptor, Meter and Lift Stations (East River Lift Stations and Old Plank Lift Stations).
Benefits:	Health, Dental, & Life Insurances, Retirement, Social Security, Fringe and Compensated Benefits, Workers and Unemployment Compensations, Uniforms, Employee Referral Services, Long Term Disability, and Wellness.
Employee Development:	Registration, Conference, Seminar, Tuition Fees and Training.
Travel and Meetings:	Lodging, Transportation, Meals, Mileage, and Meetings (prior were included in Employee Development and Supplementary Expenses).
Power:	All Power related.
Natural Gas & Fuel Oil:	Generators, Incineration and Heating.
Chemicals:	Sodium, Polymer, Ferric Chloride, Muriatic Acid, Lime, etc., Interceptor Odor Control and Lab Chemicals.
Maintenance Plant:	Repair and Maintenance Building and Equipments, Inventories (Obsolescence, Variances), Telephones for Lift and Meter Stations, Pretreatment Programs, Inventory Obsolescence, Leases and Rental.

NEW Water

Green Bay Metropolitan Sewerage District

Income Statement Legends per Categories

Operating Expenses (Continued):

Maintenance Interceptors:	Repair and Maintenance of Interceptors, Lift Stations, and Meter Stations.
Contracted Services:	Contractors, Legal, Audit, Studies, Occupational Health, Custodial Services, Environmental Programs, Sponsorship, Hazardous Waste Disposal, Class and Compensation, Household Hazardous Waste Disposal, DNR Environmental Fees, In District Sustainability, Risk Based Asset Management, Watershed Based Planning, Reg/Muni Environment Service and Contingency.
Insurances:	Automobile, Property, Boiler and Machinery, Liability, Umbrella, Commercial Crime, and Public Officials.
Solid Waste Disposal:	Hickory Meadows Landfill and Veolia Environmental Services.
Administrative & Information Technology:	Supplies, Postage, Data Processing (computer software, main application, support, etc.), Publishing, Sales and Use Tax, Bank Service Charges and Employee Recognition.
Supplementary Expenses:	Telephones (main lines, cells), Fuel Vehicles, (New) Fuel Equipment, Small Tools, Public Information, Memberships and Dues, Publications and Subscriptions, Licenses & Permits, Freight In, Freight Out, Safety Shoes and Glasses, and Water (including Fire Protection supplemental fee).

Non-Operating Revenues and Expenses:

Investment Income:	Interest on Investments and Interceptor Cost Recovery Interest.
Depreciation Expense:	Monthly Depreciation on all Fixed Assets such as Land, Land Improvements, Buildings, Vehicle, Boats & Trailers, Machinery Equipment, Furniture and Fixtures, Interceptors, Meters & Lift Stations.
Gain (Loss) on Disposal of Fixed Assets:	Sale, Disposal, and Transfer of Fixed Asset. Interest
Expense:	Debt Service and Bond Anticipation Note Interest.

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
STATEMENTS OF NET POSITION
For the Twelve Months Ending:

		31-May-25
Assets		
Current Assets		
Cash and Investments	$	31,837,879.75
Receivables		
Sewage Treatment Service		7,482,848.06
Accrued Interest		372,286.19
Other		323,810.42
Inventories		2,944,811.94
Prepaid Expenses		453,677.31
Total Current Assets	$	43,415,313.67
Restricted Assets		
Cash and Investments	$	74,344,769.64
Accrued Interest Receivables		-
Interceptor Cost Recovery Receivable		891,725.77
Total Restricted Assets	$	75,236,495.41
Deferred Outflows of Resources		
Deferred Pension Resources	$	6,322,301.00
Deferred Life Insurance Resources	$	812,023.00
Deferred Loss on Bond Advance Refunding	$	1,867,189.57
Total Deferred outflows of Resources	$	9,001,513.57
Capital Assets		
Wastewater Treatment Facilities	$	374,715,792.59
Interceptor Sewers		112,133,541.36
Construction in Progress		31,172,672.07
Total Capital Assets	$	518,022,006.02
Less: Accum Depreciation and Amortization		(196,634,996.54)
Net Capital Assets	$	321,387,009.48
Other Assets		
Bond Issuance Costs	$	-
Net Pension Asset	$	-
Total Other Assets	$	-
Total Assets	$	449,040,332.13
Liabilities and Equity		
Current Liabilities		
Accounts Payable	$	2,059,878.54
Salaries Payable		186,320.43
Other Accrued Liabilities		173,892.09
Total Current Liabilities	$	2,420,091.06
Liabilities Payable from Restricted Assets		
Accounts Payable	$	917,986.96
Current Maturities of General Long-Term Debt		12,643,907.00
Interest Accrued		211,394.03
Total Liabilities Payable from Restricted Assets	$	13,773,287.99
Long-Term Liabilities		
General Long-Term Debt, Less Current Maturities	$	148,186,859.19
Debt Premium	$	244,581.03
Bond Premium	$	-
Pension Liability		711,010.00
Compensated Absences		2,540,651.76
Other post employment benefits (life insurance)		1,949,040.00
Deferred Revenue		-
Total Long-Term Liabilities	$	153,632,141.98
Total Liabilities	$	169,825,521.03
Deferred Inflows of Resources		
Deferred Pension Obligations	$	3,808,343.00
Deferred Life Insurance Obligations	$	956,936.00
	$	4,765,279.00
Net Position		
Net Position		
Invested in Capital Assets, net of Related Debt	$	162,178,851.83
Restricted for Equipment & Interceptor Replacement		29,100,584.72
Restricted for Plant Capital Replacement		37,753,793.66
Restricted for Debt Retirement		8,218,980.13
Restricted for Capital Projects		-
Restricted for Pension		-
Unrestricted		37,197,321.76
Total Net Position	$	274,449,532.10

Note: Please reference attached legends by categories.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Assets

Current Assets:	Are cash and other assets that will be converted to cash or used by GBMSD in a relative short period of time, usually a year or less.
Cash and Investments:	Petty cash, cash in checking, general savings and investment accounts, discounts/premiums for unrestricted and restricted.
Accounts Receivables:	All amounts owed to GBMSD by customers.
Sewage Treatment Service:	Accounts receivable for sewage treatment services.
Accrued Interest:	Accrued interest and interest received on investments.
	Other: Accounts receivable from septage, pretreatment, and other customers such as Procter and Gamble Paper Products, West Shore Pipeline Co, etc.
Inventories:	Are goods and materials held available in stock by GBMSD such as electrical, instrumentation, mechanical, hardware, janitorial, lubes & oils, fuel oils, polymer, and all other miscellaneous related products such as copy paper, gloves, respirator or filter head piece, cartridge, cleaners, towels, etc.
Prepaid Expenses:	Insurances that have been paid for and not yet used such as worker compensation, liability base, automotive, umbrella base, property base, boiler & machinery, commercial crime, public officials, health, dental, and fringe benefits.
Restricted Assets	
Cash and Investments:	Savings, investment and money market accounts for debt, plant and equipment replacement fund (PERF), interceptor cost recovery (ICR), bond proceeds, and unrealized gain/loss.
Accrued Interest Receivable:	Accrued interest and interest received periodically on restricted investments.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Interceptor Cost Recovery Receivable:	Deferred receivable from municipal customers in which the municipalities have agreed to reimburse GBMSD for the cost of interceptors owned by GBMSD whose capacity has been allocated.
<u>Capital/Fixed Assets:</u>	
Capital:	Are all items of property other than inventories, receivables, copy rights, certain governmental obligations, and real and depreciable property used by GBMSD (Ex: capital stocks and bonds).
Fixed Assets:	Are long term assets acquired by GBMSD rather than for resale.
Wastewater Treatment Facilities:	Land & land improvements, structures, machinery & equipment, furniture & fixtures, vehicle, boats & trailers, and amortize assets.
Interceptor Sewers:	Meter & lift stations and interceptors.
Construction in Progress (CIP):	Asset entry records the cost of construction work, which is not yet completed. A CIP item is not depreciated until the asset is placed in service.
Accumulated Depreciation & Amortization:	Shows the total of all depreciation and amortization recorded on the asset up through the balance sheet date (land & land improvements, structures, machinery & equipment, furniture & fixtures, vehicle, boats & trailers, and accumulated amortization).
Depreciation:	Is the amount of plant asset cost allocated to each accounting period benefiting from the asset's use; it is a process of allocation, not valuation.
Amortization:	Is the systematic write–off of the cost of an intangible asset to expense. A portion of intangible asset cost is allocated to each accounting period in the economic (useful) life of the asset.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Other Assets:

Other Receivable:	Miscellaneous receivable such as credits and adjustments received.
Bond Issuance Cost:	Expenditures incurred in preparing and selling a bond issue such as legal, underwriting, registration fees, etc. These deferred charges are amortized over the period the bonds are outstanding (date of issue to the maturity date).

Liabilities and Equity

Current Liabilities:	Are debts, usually due within one year, and the payment of which normally will require the use of current assets.
Accounts Payable:	Are amounts owed by GBMSD to creditors for items or services purchased from them. Contains all vouchers that have been prepared and approved as proper liabilities such as accounts payable, retainage payable for projects and accounts payable accruals.
Salaries Payable:	Accrued salaries incurred and not yet paid.
Other Accrued Liabilities:	Amounts owed to employees for services rendered and for which payment has not been made at the balance sheet date such as fringe benefits payable, federal income tax payable, FICA payable, Medicare payable, life insurance, dependent care withholding, child support payment, United Way payable, and Wisconsin income tax payable.

Liabilities Payable for Restrictive Assets:

Accounts Payable:	Contains all vouchers that have been prepared and approved as proper liabilities for restrictive assets.

Current Maturity of Long Term Debt:

Interest Accrued:	Accrual and interest payment on debt services, Clean Water Fund loan, bond anticipation note, and Wisconsin environmental improvements.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Long-Term Liabilities:	Are those debts not due for a relatively long period of time, usually more than one year.
General Long-Term Debt, Less Current Maturities:	Clean Water Fund loans, general obligation notes, bond issuance, bond anticipation notes, and promissory notes.
Compensated Absences:	Are compensation received by employees such as accrued vacation & sick pay, severance, and paid leave conversion. Accumulated unpaid vacation and sick paid amounts are accrued when benefits vested to employees.
Deferred Revenues:	Involves transfer of data already recorded in asset and liability accounts to expense and revenue accounts (Ex: De Pere consolidation).

Net Assets

Invested in Capital Assets, Net of Related Debt:	Capital Assets net of debt such as Clean Water Fund loans, general obligation note, bond issue, bond anticipation loan, promissory note, bond issuance costs, and discount on bond issue.
Restrictive for Equipment and Interceptor Replacement:	Plant and equipment replacement fund (PERF), interceptor cost recovery (ICR) investments, Rate Stabilization Fund and accrued interest received.
Restricted for Debt Retirement:	Restrictive debt investment, accrued interest received debt, and interest payable.
Restricted for Capital Projects:	Restrictive for capital project expenditures for the R2E2 Solids Project.
Unrestricted:	All other net assets that do not meet the definition of "restricted" or "invested in capital assets, net of related debt."

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commission
Nate Qualls

FROM: Patrick Wescott

DATE: June 12, 2025

SUBJECT: May 2025 Operations Report

CC: Jake Becken – Treatment
Pat Smits – Maintenance
Kate Verbeten – Environmental Compliance

Effluent Quality

Both facilities were in full compliance with all effluent limits for the month of May.

Attached are graphs showing a rolling 12-month average for effluent quality and permit limits for both facilities.

Air Quality

The Green Bay Facility was in compliance with air quality limits for the month of May.

Resource Recovery

For the month, the solids processing facility generated 1,459 MWH of electricity. Total bio-gas volume recovered was 204,657 CCF. This was just over 84% of the total volume produced. The remaining volume was sent through the waste gas flare. NEW Water received 1,111,240 gallons of high-strength waste.

Attached is a graph showing a rolling 12-month average for energy utilization at the Green Bay Facility.

Attachments

EFFLUENT QUALITY - CURRENT YEAR 2025

NEW Water (GBMSD) - GREEN BAY FACILITY

May - October Avg = 0.6 mg/L
November - April Avg = 0.6 mg/L

Ammonia Limits
Jan-Apr. Monthly Avg = 15 mg/L Weekly Avg = 59 mg/L
May-Sept Monthly Avg = 4.7 mg/L Weekly Avg =13 mg/L
October Monthly Avg =14 mg/L Weekly Avg = 38 mg/L
Nov-Dec Monthly Avg. = 26 mg/L Weekly Avg =104 mg/L

Permit Limits:			18 mg/L			N/A			25 mg/L			126#/ 100 ml	> 410#/100 ml 10%	1.0 mg/L 0.6 mg/L per Six Months									
	FLOW		**TSS**			**T-BOD**			**C-BOD**			**E. Coli**		**T. PHOSPHORUS (LL)**				**AMMONIA**			**TKN**		
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month
JAN	852.856	27.51	7.0	1,615	50,058	8.8	2,016	62,491	3.6	828	25,655			0.40	93		2,886	0.13	31	946	2.24	512	15,865
FEB	762.613	27.24	7.0	1,587	44,433	9.1	2,089	58,479	4.1	920	25,757			0.39	87		2,449	0.12	35	987	2.41	549	15,384
MAR	1,248.694	40.28	7.1	2,443	75,734	14.7	5,140	159,353	4.6	1,561	48,384			0.27	89		2,756	5.28	1,913	59,313	7.20	2,541	78,770
APR	1,317.017	43.90	5.0	1,877	56,319	8.7	3,344	100,329	3.1	1,151	34,526			0.26	95	0.33	2,857	1.33	574	17,229	3.26	1,305	39,145
MAY	1,267.107	40.87	4.6	1,600	49,588	5.6	1,945	60,288	2.8	992	29,765	12.82	0.00	0.24	82		2,533	0.04	16	452	1.56	531	16,448
JUN																							
JUL																							
AUG																							
SEP																							
OCT																0.24							
NOV																							
DEC																							
Average	1,089.658	35.96	6.1	1,824	55,227	9.4	2,907	88,188	3.6	1,090	32,817			0.31	89		2,696	1.38	514	15,786	3.33	1,088	33,122
Total	5,448.289				276,133			440,941			164,087						13,481			78,928			165,612
All time record best(s) ->			**2.0**	**425**	**13,187**	**2.0**	**336**	**10,267**	**0.2**	**52**	**1,556**			**0.11**	**27**		**803**	**0.00**	**0**	**0**	**0.67**	**170**	**5,125**

The effluent quality was in compliance with all of the above permit parameters for May 2025

EFFLUENT QUALITY - CURRENT YEAR 2024

NEW Water (GBMSD) - GREEN BAY FACILITY

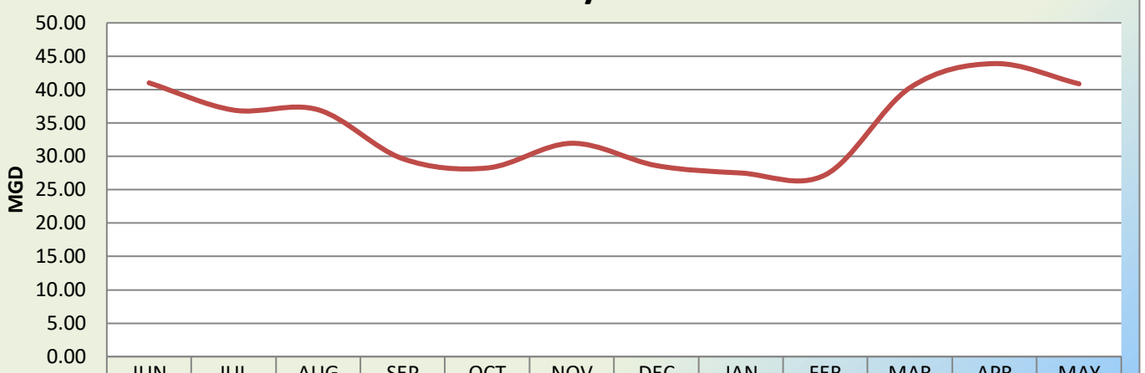
May - October Avg = 0.6 mg/L
November - April Avg = 0.6 mg/L

Ammonia Limits
Jan-Apr. Monthly Avg = 15 mg/L Weekly Avg = 59 mg/L
May-Sept Monthly Avg = 4.7 mg/L Weekly Avg =13 mg/L
October Monthly Avg =14 mg/L Weekly Avg = 38 mg/L
Nov-Dec Monthly Avg. = 26 mg/L Weekly Avg =104 mg/L

Permit Limits:			18 mg/L			N/A			25 mg/L			126#/ 100 ml	> 410#/100 ml 10%	1.0 mg/L 0.6 mg/L per Six Months									
	FLOW		**TSS**			**T-BOD**			**C-BOD**			**E. Coli**		**T. PHOSPHORUS**				**AMMONIA**			**TKN**		
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month
JAN	1,006.230	32.46	5.8	1,569	48,645	12.3	3,349	103,832	2.7	766	23,761			0.30	81		2,509	3.59	1,000	30,992	5.09	1,403	43,482
FEB	995.762	34.34	4.9	1,402	40,666	13.6	3,923	113,772	2.8	806	23,376			0.19	52		1,519	4.90	1,453	42,148	6.26	1,842	53,431
MAR	1,056.543	34.08	5.1	1,451	44,994	9.2	2,632	81,581	2.7	760	23,546			0.25	74		2,283	0.05	16	509	1.71	485	15,050
APR	1,275.398	42.51	4.8	1,765	52,942	8.9	3,230	96,913	1.7	738	22,140			0.32	112	0.35	3,362	0.06	37	1,124	1.39	506	15,180
MAY	1,227.360	39.59	4.1	1,369	42,440	7.6	2,492	77,264	2.6	862	26,720	17.92	0.00	0.29	101		3,124	0.00	1	39	1.33	438	13,571
JUN	1,230.162	41.01	4.3	1,463	43,884	6.0	2,066	61,983	2.1	792	23,761	17.88	0.00	0.28	93		2,795	0.00	0	0	1.26	433	12,980
JUL	1,144.852	36.93	4.6	1,443	44,742	5.1	1,607	49,829	2.1	714	22,123	24.49	0.00	0.26	78		2,417	0.02	9	264	1.41	433	13,418
AUG	1,146.522	36.98	5.6	1,700	52,692	5.5	1,698	52,623	3.3	1,012	31,380	54.17	0.00	0.30	93		2,871	0.09	33	1,023	1.57	486	15,052
SEP	889.436	29.65	4.7	1,151	34,525	4.9	1,231	36,933	2.6	663	19,883	53.65	0.00	0.23	57		1,714	0.02	8	241	1.48	367	11,011
OCT	875.978	28.26	6.5	1,547	47,972	6.6	1,549	48,032	1.2	414	12,828			0.33	78	0.28	2,422	0.04	11	350	1.71	401	12,443
NOV	958.854	31.96	6.5	1,742	52,248	6.9	1,856	55,684	2.7	723	21,694			0.27	72		2,150	0.03	9	260	1.61	427	12,820
DEC	887.145	28.62	7.4	1,766	54,760	8.0	1,915	59,379	3.4	817	25,340			0.40	99		3,064	0.00	0	0	1.90	451	13,984
Average	1,057.854	34.70	5.4	1,531	46,709	7.9	2,296	69,819	2.5	756	23,046			0.29	83		2,519	0.74	215	6,412	2.23	639	19,368
Total	12,694.243				560,510			837,823			276,550						30,231			76,950			232,421
All time record best(s) ->			**2.0**	**425**	**13,187**	**2.0**	**336**	**10,267**	**0.2**	**52**	**1,556**			**0.11**	**27**		**803**	**0.00**	**0**	**0**	**0.67**	**170**	**5,125**

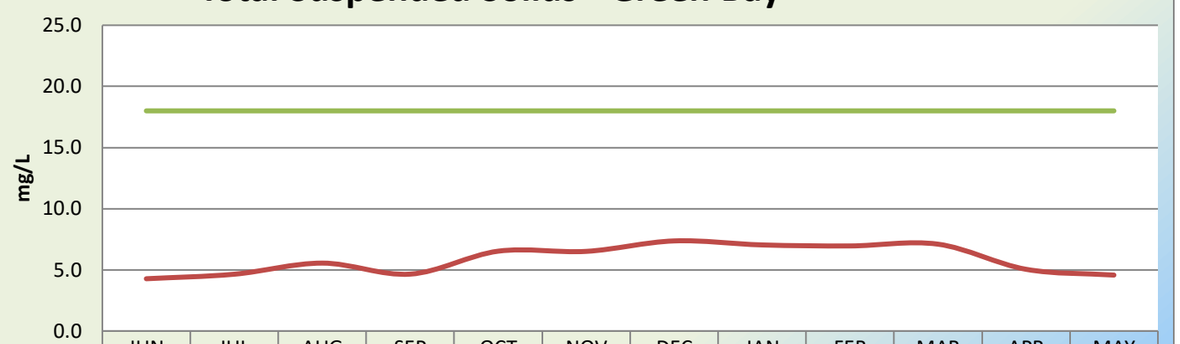
Return to Agenda

Flow - Green Bay



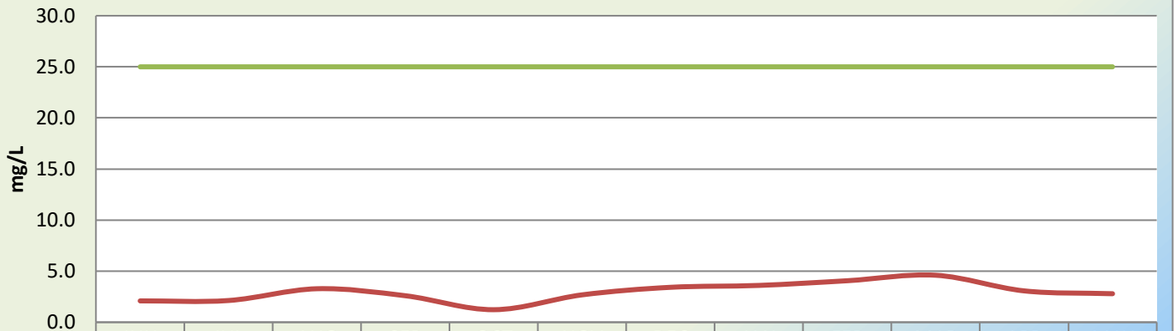
	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Daily Flow	41.01	36.93	36.98	29.65	28.26	31.96	28.62	27.51	27.24	40.28	43.90	40.87

Total Suspended Solids - Green Bay



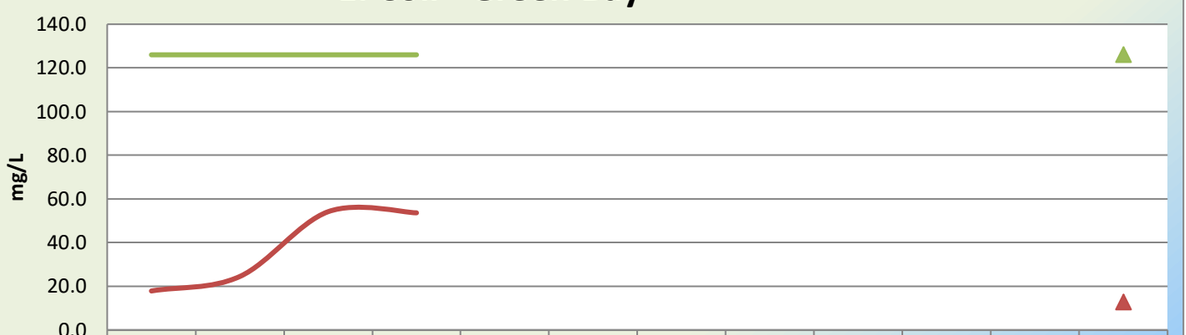
	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	4.3	4.6	5.6	4.7	6.5	6.5	7.4	7.0	7.0	7.1	5.0	4.6
Permit Limit	18	18	18	18	18	18	18	18	18	18	18	18

Carbonaceous Biochemical Oxygen Demand - Green Bay



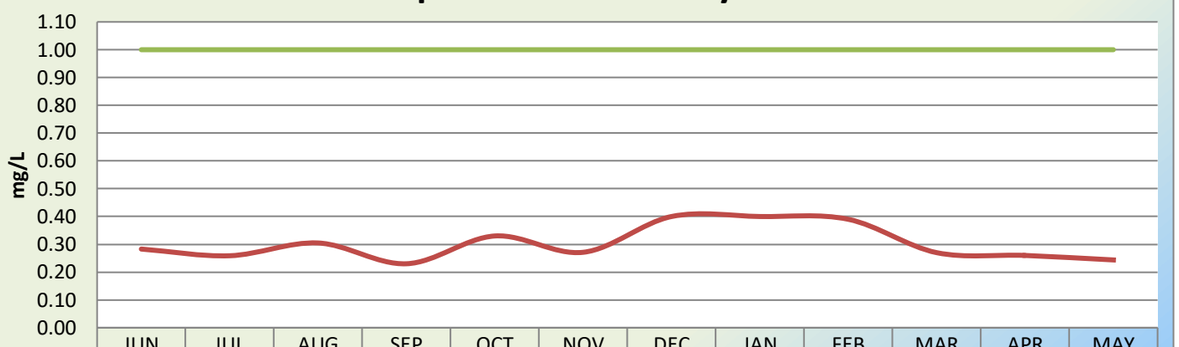
	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave Conc.	2.1	2.1	3.3	2.6	1.2	2.7	3.4	3.6	4.1	4.6	3.1	2.8
Permit Limit	25	25	25	25	25	25	25	25	25	25	25	25

E. Coli - Green Bay



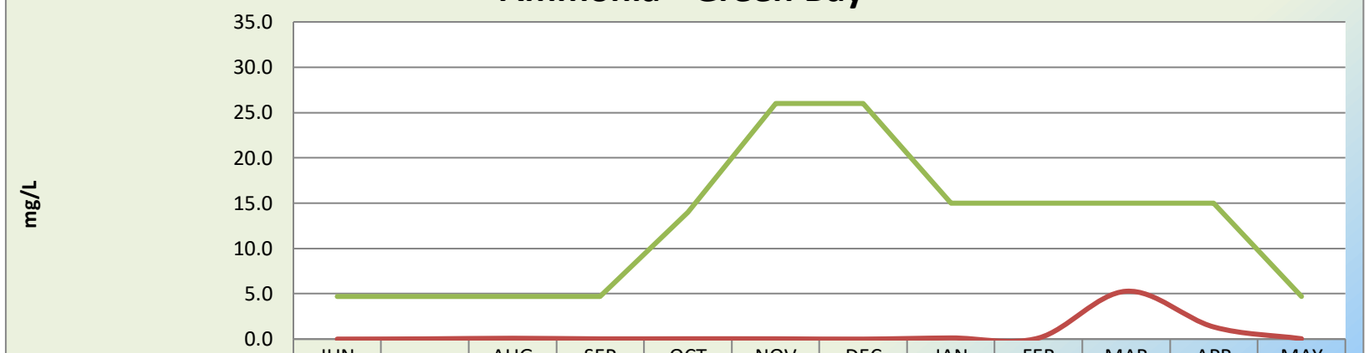
	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	17.88	24.49	54.17	53.65								12.82
Permit Limit	126	126	126	126								126

Total Phosphorus - Green Bay



	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	0.28	0.26	0.30	0.23	0.33	0.27	0.40	0.40	0.39	0.27	0.26	0.24
Permit Limit	1	1	1	1	1	1	1	1	1	1	1	1

Ammonia - Green Bay



	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	0.00	0.02	0.09	0.02	0.04	0.03	0.00	0.13	0.12	5.28	1.33	0.04
Permit Limit	4.7	4.7	4.7	4.7	14	26	26	15	15	15	15	4.7

EFFLUENT QUALITY - CURRENT YEAR 2025

NEW WATER (GBMSD) - DE PERE FACILITY

May - October Avg. = 0.6 mg/L
November - April Avg. = 0.6 mg/L

Ammonia Limits
Jan-Mar. Monthly Avg = 26 mg/L Daily Max = 26 mg/L
April Monthly Avg = 24 mg/L Daily Max = 26 mg/L
May-Oct Monitor only
Nov-Dec. Monthly Avg. = 26 mg/L Daily Max = 26 mg/L

Permit Limits: 8.0 mg/L | N/A | 9.0 mg/L | 126#/100 ml | > 410#/100 ml 10% | 1.0 mg/L 0.6 mg/L per Six Months

	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS (LL)				AMMONIA			TKN		
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month
JAN	140.008	4.52	0.9	37	1,116	2.8	106	3,285	2.4	90	2,797			0.14	5		162	0.23	8	251	1.88	70	2,173
FEB	127.960	4.57	0.2	6	164	3.4	131	3,669	2.4	91	2,556			0.08	3		87	1.26	53	1,480	3.01	119	3,334
MAR	209.073	6.74	0.6	40	1,248	5.2	303	9,390	2.9	168	5,196			0.07	4		119	3.52	219	6,781	5.02	301	9,322
APR	200.464	6.68	0.0	0	0	5.0	276	8,275	1.8	103	3,090			0.07	4	0.11	111	4.24	237	7,123	5.44	304	9,105
MAY	187.535	6.05	0.1	6	193	2.3	119	3,698	0.9	47	1,469	1.00	0.00	0.09	5		143	0.32	18	568	1.80	92	2,845
JUN																							
JUL																							
AUG																							
SEP																							
OCT																0.09							
NOV																							
DEC																							
Average	173.008	5.71	0.4	18	544	3.7	187	5,664	2.1	100	3,022			0.09	4		124	1.92	107	3,241	3.43	177	5,356
Total	865.039				2,721			28,318			15,108						622			16,203			26,779
All time record best(s) ->			**0.0**	**0**	**0**	**0.0**	**0**	**0**	**0.0**	**0**	**0**			**0.05**	**2**		**75**	**0.00**	**0**	**0**	**0.85**	**50**	**1,495**

The effluent quality was in compliance with all of the above permit parameters for May 2025

EFFLUENT QUALITY - CURRENT YEAR 2024

NEW WATER (GBMSD) - DE PERE FACILITY

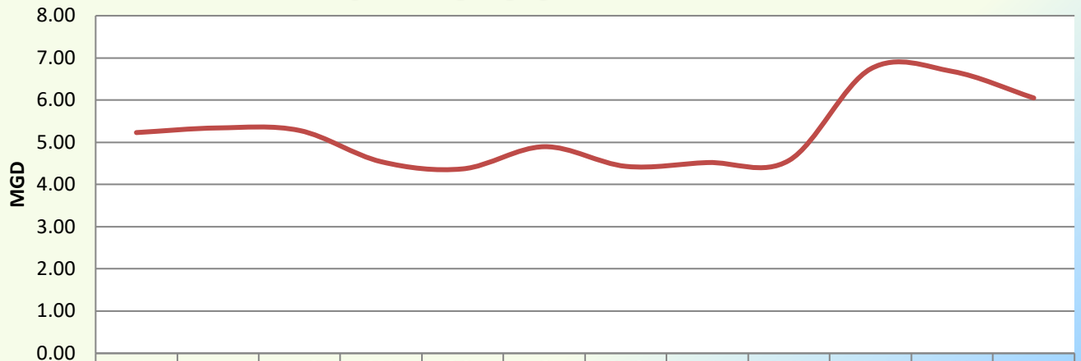
May - October Avg. = 0.6 mg/L
November - April Avg. = 0.6 mg/L

Ammonia Limits
Jan-Mar. Monthly Avg = 26 mg/L Daily Max = 26 mg/L
April Monthly Avg = 24 mg/L Daily Max = 26 mg/L
May-Oct Monitor only
Nov-Dec. Monthly Avg. = 26 mg/L Daily Max = 26 mg/L

Permit Limits: 8.0 mg/L | N/A | 9.0 mg/L | 126#/100 ml | > 410#/100 ml 10% | 1.0 mg/L 0.6 mg/L per Six Months

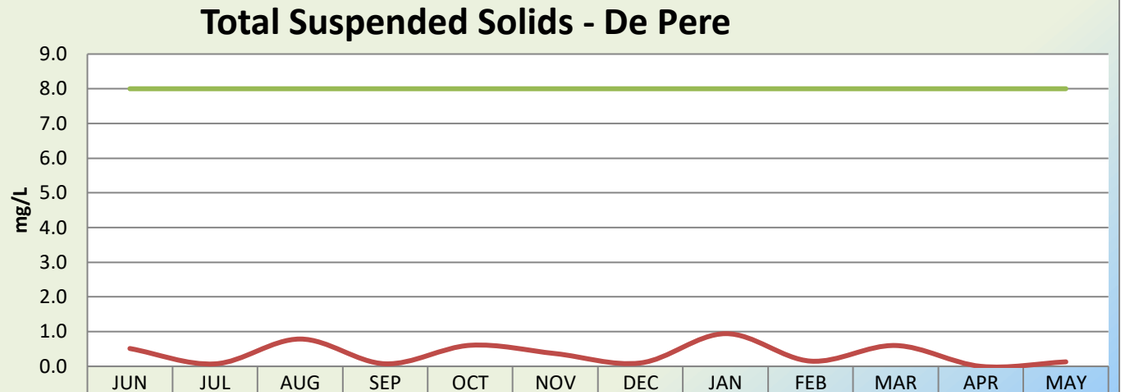
	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS (LL)				AMMONIA			TKN		
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month
JAN	147.036	4.74	0.0	0	0	0.9	36	1,110	0.3	11	347			0.11	4		132	0.16	6	200	1.50	59	1,844
FEB	142.159	4.90	0.1	7	194	1.6	66	1,924	0.3	14	396			0.11	4		126	0.20	8	243	1.56	64	1,845
MAR	138.148	4.46	0.1	5	152	1.4	54	1,675	0.1	2	67			0.14	5		158	0.07	2	77	1.44	53	1,642
APR	181.146	6.04	0.1	12	366	1.3	78	2,334	0.6	48	1,434			0.13	7	0.12	205	0.10	5	149	1.30	65	1,937
MAY	187.282	6.04	4.3	409	12,677	0.5	41	1,268	0.5	40	1,232	1.18	0.00	0.11	6		196	0.03	1	43	1.41	83	2,572
JUN	156.862	5.23	0.5	22	654	0.5	27	821	0.4	23	689	3.07	0.00	0.08	4		108	0.02	1	25	1.21	52	1,563
JUL	165.395	5.34	0.1	3	84	0.5	24	751	0.4	16	503	1.50	0.00	0.12	5		167	0.06	3	87	1.51	67	2,081
AUG	163.713	5.28	0.8	34	1,054	2.2	99	3,060	0.7	29	893	12.59	0.00	0.20	9		270	0.17	7	230	1.61	72	2,217
SEP	136.211	4.54	0.1	3	83	0.6	21	644	0.1	6	167	14.63	0.00	0.15	6		173	0.06	2	63	1.32	50	1,495
OCT	135.589	4.37	0.6	23	713	1.4	52	1,602	0.2	7	232			0.14	5	0.13	159	0.06	2	66	1.45	53	1,645
NOV	146.871	4.90	0.4	17	499	1.6	67	2,023	0.7	31	938			0.15	6		186	0.06	3	83	1.39	56	1,693
DEC	137.353	4.43	0.1	4.0	112	1.4	53	1,637	0.1	5	152			0.13	5		145	0.01	0	13	1.45	53	1,657
Average	153.147	5.02	0.6	45	1,382	1.2	52	1,571	0.4	19	588			0.13	6		169	0.08	3	107	1.43	61	1,849
Total	1,837.763				16,587			18,849			7,051						2,025			1,279			22,190
All time record best(s) ->			**0.0**	**0**	**0**	**0.0**	**0**	**0**	**0.0**	**0**	**0**			**0.05**	**2**		**75**	**0.00**	**0**	**0**	**0.85**	**50**	**1,495**

Flow - De Pere



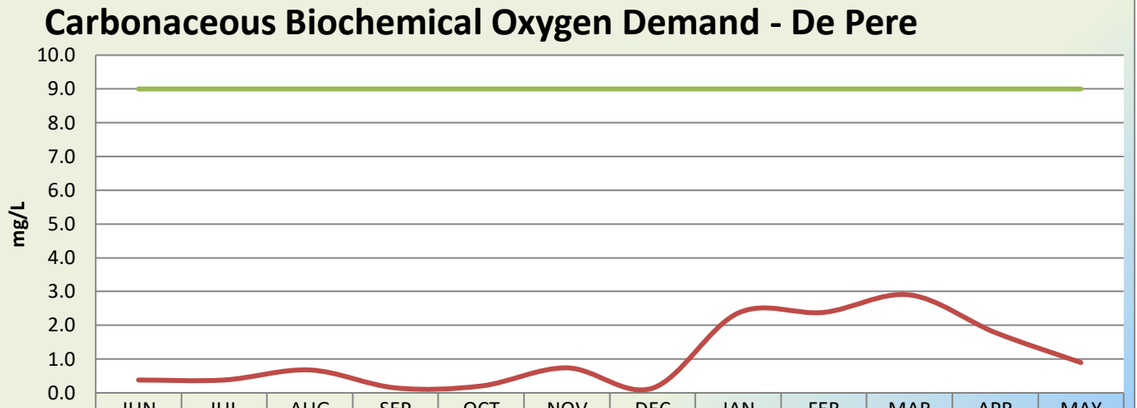
	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Daily Flow	5.23	5.34	5.28	4.54	4.37	4.90	4.43	4.52	4.57	6.74	6.68	6.05

Total Suspended Solids - De Pere



	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	0.5	0.1	0.8	0.1	0.6	0.4	0.1	0.9	0.2	0.6	0.0	0.1
Permit Limit	8	8	8	8	8	8	8	8	8	8	8	8

Carbonaceous Biochemical Oxygen Demand - De Pere

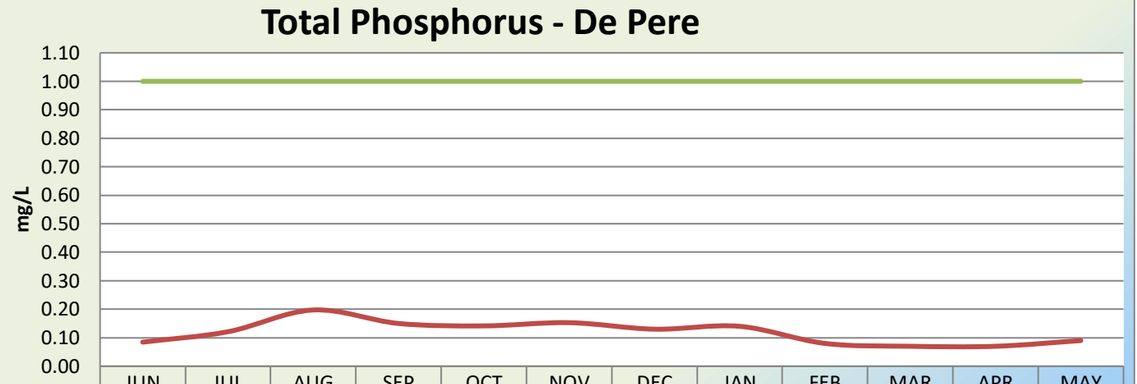


	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave Conc.	0.4	0.4	0.7	0.1	0.2	0.7	0.1	2.4	2.4	2.9	1.8	0.9
Permit Limit	9	9	9	9	9	9	9	9	9	9	9	9

E. Coli - De Pere

	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	3.07	1.50	12.59	14.63								1.00
Permit Limit	126	126	126	126								126

Total Phosphorus - De Pere



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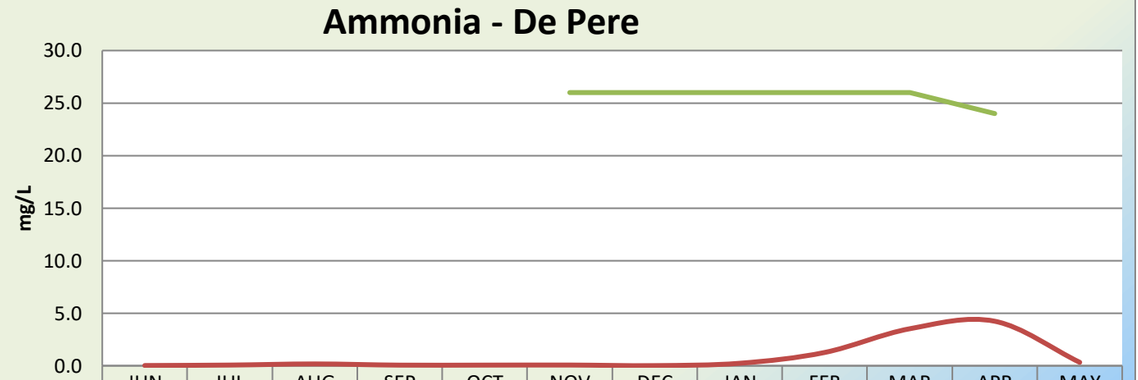
12 Month Ave. Conc.	0.08	0.12	0.20	0.15	0.14	0.15	0.13	0.14	0.08	0.07	0.07	0.09
Permit Limit	1	1	1	1	1	1	1	1	1	1	1	1

Ammonia - De Pere



	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
12 Month Ave. Conc.	0.02	0.06	0.17	0.06	0.06	0.06	0.01	0.23	1.26	3.52	4.24	0.32
Permit Limits:						26	26	26	26	26	24	

R2E2 ENERGY REPORT GREEN BAY 2025

NEW Water (GBMSD) - GREEN BAY FACILITY

	Bio-gas Generated					Electricity Used					Natural Gas Used								
		Generators		Flare			Purchased		Generated			Incineration		Heating Boiler		Thermal Oil Boiler		Co-Generation Units	
	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (MWH)	Total (MWH)	% of Total	Total (MWH)	% of Total	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total
January	205,576	189,076	92.0	16,500	8.0	3,296	1,930	58.6	1,366	41.4	147,129	21,310	14.5	121,109	82.3	5	0.0	4,706	3.2
February	182,942	167,591	91.6	15,351	8.4	2,995	1,722	57.5	1,273	42.5	145,404	21,040	14.5	116,252	80.0	1,437	1.0	6,675	4.6
March	231,411	200,729	86.7	30,682	13.3	3,347	1,899	56.7	1,448	43.3	118,456	19,640	16.6	90,924	76.8	0	0.0	7,892	6.7
April	226,189	186,757	82.6	39,432	17.4	3,384	1,990	58.8	1,395	41.2	89,731	22,540	25.1	60,801	67.8	0	0.0	6,391	7.1
May	243,120	204,657	84.2	38,463	15.8	3,413	1,955	57.3	1,459	42.7	60,535	25,162	41.6	31,748	52.4	0	0.0	3,625	6.0
June																			
July																			
August																			
September																			
October																			
November																			
December																			

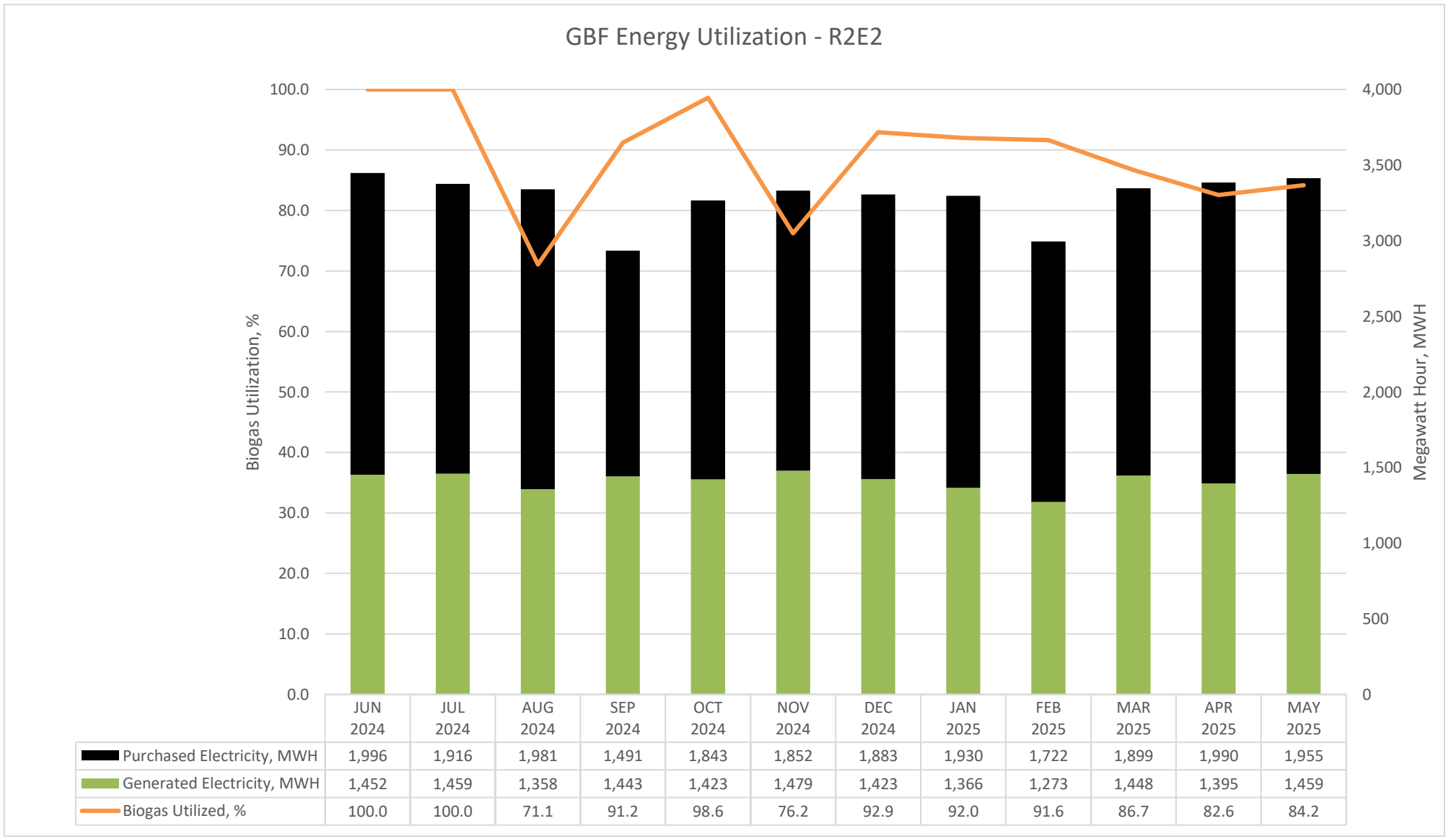
	Co-Generation Unit #3 (P-21)							Co-Generation Unit #4 (P-22)							High Strength Waste Received	Struvite Harvested
	Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption					Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption						
				Bio-gas		Natural Gas					Bio-gas		Natural Gas			
			Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total			Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (gals)	Total (lbs.)
January	582	1,107	159,319	155,523	97.6	3,796	2.4	136	259	34,462	33,553	97.4	909	2.6	811,838	0
February	324	630	87,848	82,369	93.8	5,479	6.2	340	644	86,419	85,222	98.6	1,197	1.4	731,616	0
March	734	1,429	206,127	198,499	96.3	7,629	3.7	10	19	2,493	2,230	89.5	263	10.5	976,123	0
April	284	551	76,035	71,913	94.6	4,122	5.4	433	843	117,113	114,844	98.1	2,269	1.9	1,143,339	0
May	178	345	47,998	46,742	97.4	1,256	2.6	571	1,113	160,284	157,915	98.5	2,369	1.5	1,111,240	0
June																0
July																0
August																0
September																0
October																0
November																0
December																0

R2E2 ENERGY REPORT GREEN BAY 2024

NEW Water (GBMSD) - GREEN BAY FACILITY

	Bio-gas Generated					Electricity Used					Natural Gas Used								
		Generators		Flare			Purchased		Generated			Incineration		Heating Boiler		Thermal Oil Boiler		Co-Generation Units	
	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (MWH)	Total (MWH)	% of Total	Total (MWH)	% of Total	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total
January	160,402	159,579	99.5	823	0.5	3,248	1,882	57.9	1,366	42.1	149,709	19,681	13.1	105,256	70.3	0	0.0	24,772	16.5
February	179,377	161,946	90.3	17,431	9.7	3,117	1,758	56.4	1,359	43.6	122,088	22,363	18.3	81,328	66.6	2	0.0	18,395	15.1
March	179,769	143,903	80.0	35,866	20.0	3,295	1,847	56.0	1,448	44.0	136,800	19,226	14.1	75,151	54.9	0	0.0	42,423	31.0
April	182,602	172,632	94.5	9,970	5.5	3,312	1,916	57.9	1,395	42.1	86,018	22,283	25.9	51,018	59.3	0	0.0	12,717	14.8
May	176,702	175,401	99.3	1,301	0.7	3,322	1,909	57.5	1,413	42.5	59,632	19,891	33.4	19,403	32.5	0	0.0	20,338	34.1
June	139,866	139,866	100.0	0	0.0	3,448	1,996	57.9	1,452	42.1	69,944	18,355	26.2	797	1.1	0	0.0	50,792	72.6
July	143,516	143,516	100.0	0	0.0	3,375	1,916	56.8	1,459	43.2	57,942	16,234	28.0	85	0.1	0	0.0	41,622	71.8
August	174,735	124,199	71.1	50,536	28.9	3,339	1,981	59.3	1,358	40.7	71,915	20,003	27.8	0	0.0	0	0.0	51,912	72.2
September	185,208	168,933	91.2	16,275	8.8	2,934	1,491	50.8	1,443	49.2	53,855	11,330	21.0	136	0.3	10	0.0	42,379	78.7
October	182,672	180,186	98.6	2,487	1.4	3,266	1,843	56.4	1,423	43.6	61,599	30,290	49.2	15,075	24.5	0	0.0	16,234	26.4
November	210,105	160,194	76.2	49,911	23.8	3,331	1,852	55.6	1,479	44.4	119,249	23,280	19.5	66,326	55.6	3	0.0	29,641	24.9
December	215,982	200,699	92.9	15,283	7.1	3,306	1,883	56.9	1,423	43.1	138,839	24,910	17.9	108,364	78.0	0	0.0	5,565	4.0

	Co-Generation Unit #3 (P-21)							Co-Generation Unit #4 (P-22)							High Strength Waste Received	Struvite Harvested
	Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption					Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption						
				Bio-gas		Natural Gas					Bio-gas		Natural Gas			
			Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total			Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (gals)	Total (lbs.)
January	326	635	82,089	74,517	90.8	7,572	9.2	374	731	102,262	85,062	83.2	17,201	16.8	448,135	0
February	607	1,181	156,011	145,012	92.9	10,999	7.1	91	178	24,330	16,934	69.6	7,396	30.4	486,344	0
March	3	5	647	342	52.9	305	47.1	745	1,443	185,679	143,562	77.3	42,118	22.7	351,903	0
April	0	0	0	0	0	0	0	716	1,395	185,349	172,632	93.1	12,717	6.9	465,010	0
May	337	653	96,561	86,596	89.7	9,965	10.3	411	760	99,178	88,804	89.5	10,373	10.5	395,120	0
June	307	598	83,340	57,615	69.1	25,724	30.9	426	854	107,319	82,251	76.6	25,068	23.4	333,651	0
July	0	0	0	0	0.0	0	0.0	749	1,459	185,138	143,516	77.5	41,622	22.5	384,958	0
August	413	797	116,579	97,541	83.7	19,038	16.3	288	561	59,532	26,658	44.8	32,874	55.2	335,016	0
September	748	1,443	211,312	168,933	79.9	42,379	20.1	0	0	0	0	0.0	0	0.0	408,193	0
October	313	469	72,438	64,897	89.6	7,541	10.4	496	954	123,981	115,289	93.0	8,692	7.0	764,874	0
November	78	131	20,509	19,709	96.1	800	3.9	693	1,349	169,326	140,485	83.0	28,841	17.0	851,923	0
December	334	650	100,412	95,901	95.5	4,511	4.5	397	773	105,852	104,797	99.0	1,055	1.0	728,985	0



	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025
Purchased Electricity, MWH	1,996	1,916	1,981	1,491	1,843	1,852	1,883	1,930	1,722	1,899	1,990	1,955
Generated Electricity, MWH	1,452	1,459	1,358	1,443	1,423	1,479	1,423	1,366	1,273	1,448	1,395	1,459
Biogas Utilized, %	100.0	100.0	71.1	91.2	98.6	76.2	92.9	92.0	91.6	86.7	82.6	84.2

NEW Water
The brand of the Green Bay Metropolitan Sewerage District

Memorandum

TO: Commissioners

FROM: Nate Qualls

DATE: June 25, 2025

SUBJECT: May Commission Meeting – Executive Director's Report

a) The July Commission meeting will be held on Wednesday, July 30, 2025, beginning at 8:30 a.m. This meeting will be a hybrid, held in person and via Zoom videoconference. Please note that this will be held the 5th Wednesday of the month due to the NACWA Leadership Conference.

b) In January 2018, the Commission discussed with auditors the process of approving the Executive Directors' travel expenses and time-off requests. Though the auditor thought the current process was acceptable, it was brought up for consideration that the Commission might want to be informed, if not engaged in the process. Over time, and with staffing changes, the process to provide the Commission with a monthly summary as not been followed. We are seeking feedback on whether the Commission would like to have staff develop the monthly summary and provide it to the Commission.

c) Registration is open for NACWA's Utility Leadership Conference from July 23 – 26 in Colorado Springs, CO. If you are interested in attending the meeting, please contact Roni Bach to handle hotel reservations and registration. The Administrative Services team will also assist with flights for the event.

d) We're proud to share two exciting honors recognizing the dedication and professionalism of our team. **Congratulations to Matt Schmidt**, who has been inducted into the prestigious Golden Manhole Society. This recognition, awarded by the Central States Water Environment Association (CSWEA), honors individuals who have made significant contributions to the field of wastewater collection systems. We're proud of Matt's commitment to excellence and his impact on our industry! **NEW Water has also been awarded the CSWEA 2025 Operations Award.** This award celebrates outstanding performance in wastewater treatment and highlights the professionalism and dedication of our operations team.

Pictured here are Jake Becken, Treatment Manager (left); and Matt Schmidt, Field Services Lead (right)

e) On Tuesday, June 10, 2025, Sarah Bartlett (NEW Water) and Jordan Murray (WI Dept of Health Services) led an informative workshop in Green Bay, WI, on harmful algal blooms (HABs) for a diverse audience of over 90 individuals. The workshop's goal was to inform local municipalities, health and service workers, and scientists of the current state of research, new outreach materials, unified messaging across human and animal health, and future needs to ensure the safety of those recreating and living by Wisconsin's waters. Sarah Bartlett spoke about NEW Water's Aquatic Monitoring Program and the HABs monitoring collaborations NEW Water has been a part of on the Lower Fox River and Lower Green Bay. Sarah also spoke on a recent NEW Water HABs Communication grant from the Wisconsin Coastal Management Program that resulted in the creation of warning signs, informational posters, and an independent website to house critical information links and the created materials for others to download and customize for their region, including information in Spanish, Hmong, and Somali. See the enclosed image of the posters. The website is now live and can be viewed here: www.avoidtheick.org.

f) NEW Water hosted Wisconsin State Rep. Amaad Rivera-Wagner (D-Green Bay) for an overview and tour on June 2, and Wisconsin State Rep. Joel Kitchens (R-Sturgeon Bay) on June 16, see enclosed images.